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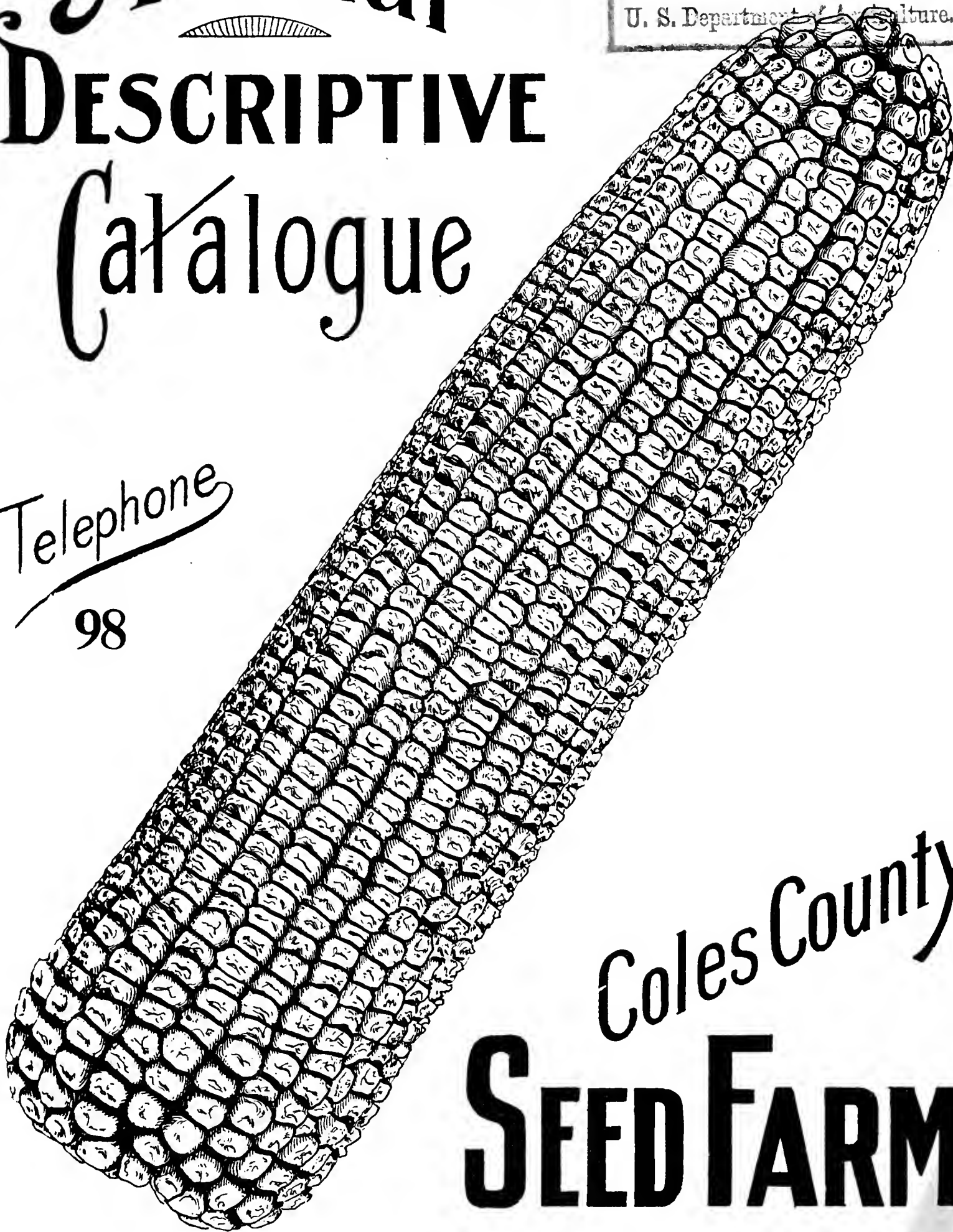
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U. S. Department of Agriculture.

# Annual = DESCRIPTIVE Catalogue

Telephone  
98



Coles County

## SEED FARM

JAMES O. TOLAND  
PROPRIETOR

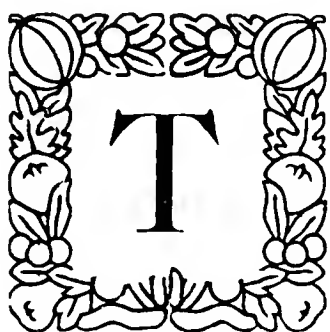
### HUMBOLT, ILL.

VEGETABLE  
SEED TRIALS  
HORTICULTURE

MAR 6 1933

# INTRODUCTION

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THE years have rolled quickly by since I commenced my seed business in a modest way. The first circular was two pages giving a list of prices of seed sold. Since that time my catalogue has grown each year until it has reached its present dimensions. My steady endeavor has always been for constant improvement, both in the method of my business and quality of my seed. The best evidence that I have succeeded in this is my large and constantly growing trade. I now take pleasure in presenting my Annual Descriptive Catalogue, and thank my friends and patrons for their liberal patronage which has resulted in a steady and constant increase in my business. I appreciate this, and assure my customers that I shall always endeavor to merit their patronage and support by supplying them with the best possible seed at as reasonable prices as first class seed can be sold.

Hoping the new year will bring an increasing measure of happiness to all my customers, I am,

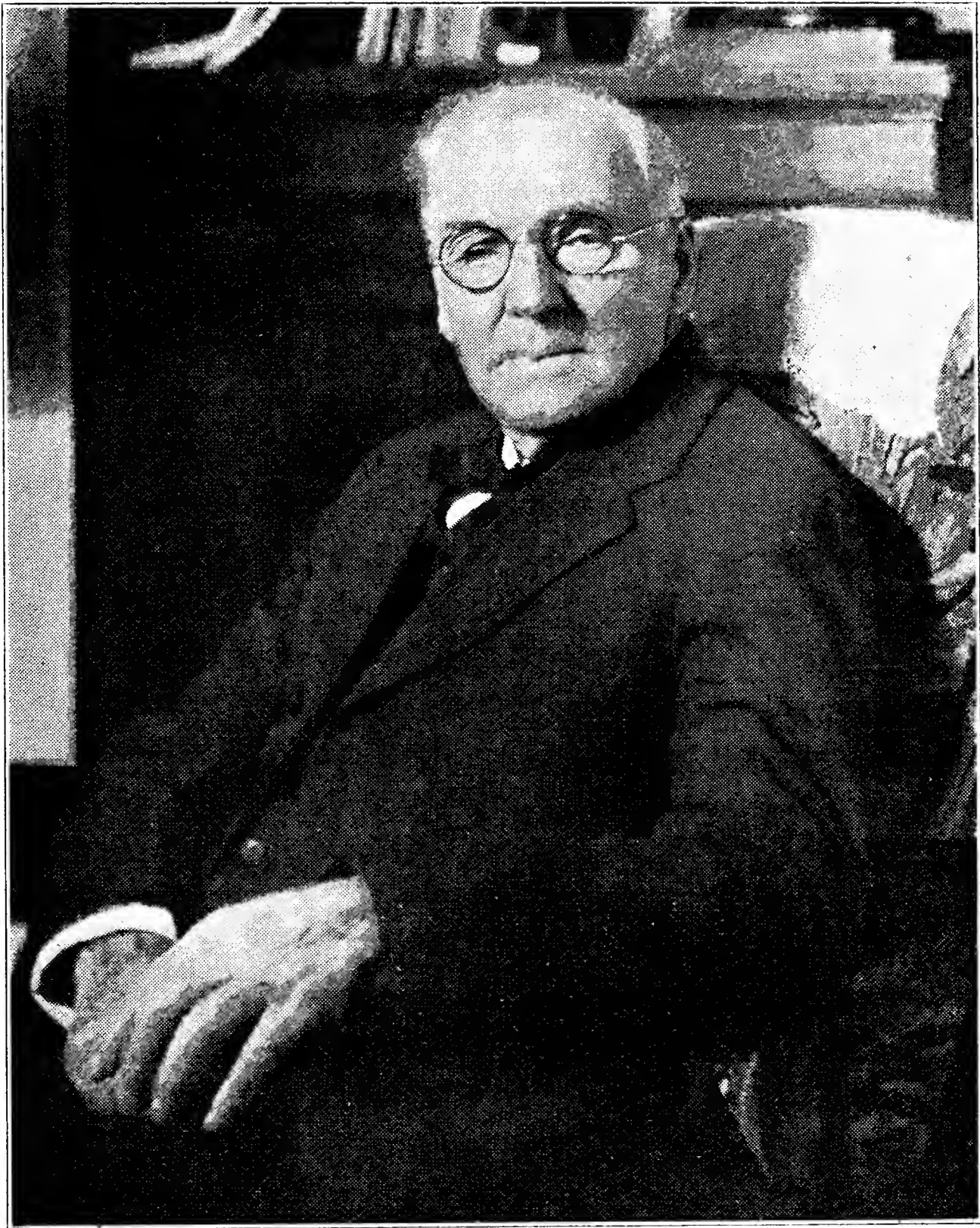
Yours sincerely,

JAMES O. TOLAND.

Humboldt, Illinois,  
January 1, 1933.







J. O. TOLAND

## WHY THIS IS CALLED THE COLES COUNTY SEED FARM

The proprietor, James O. Toland, was born in a log cabin near Ashmore, Illinois, and raised in Coles county and was one of the youngest boys that ever handled a team and plow in the country. He drove an ox team to break the wild prairies and cultivated corn with a horse hitched to a bar plow at the age of eight years. All his life has been spent in working the deep, black soil of northern Coles county. Having experienced the great improvement in the breeding of stock, and the little attention given to corn and other field seeds, he embarked in the seed business in the year 1881 in a small way and for several years he issued a price list of seeds sold and in 1905 issued his first catalogue, and notwithstanding the great competition which soon sprang up in this field, he has succeeded in building up a business which holds the front rank for honest, efficient work. He built the first seed house in Central Illinois for curing and handling seeds, which had a floor space of 1100 square feet, while his present seed houses on his farm and in Humboldt contain 20,000 square feet of floor space. This alone proves the success he has made in the business, which is due to his untiring efforts. He has never had a partner but is absolutely an individ-

## COLES COUNTY SEED FARM

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ual concern. In over fifty years experience he has been able each year to give his personal attention to the planting, harvesting, and curing his crops. He is one of the eight men who framed the constitution and by-laws of the Illinois Seed Corn Breeders' Association at Springfield, Illinois, 1900, and the fourth man to sign the constitution and by-laws; he also has a life membership in the Illinois Corn Growers' Association. He was very honorably rewarded for his faithful work by being awarded the Gold Medal at the Louisiana Exposition, St. Louis, 1904, for the varieties of corn which he bred, viz: the Improved Yellow Leaming and Boone County White.

He now breeds the Reid's Yellow Dent and Boone County White; he has two of the largest seed houses in Central Illinois, and has done more for the breeding of corn than any other man in that district. This is an age of progress in farming as well as in other professions. There is an increasing demand for better field seeds. Improved methods of fertilization and cultivation and the multiplied facilities for marketing are contributing much to satisfy this demand. Nevertheless no amount of care and cultivation will count if you start wrong. If inferior seeds are planted, failure will be the outcome. Toland's aim is constantly to turn out high germinating and pure seeds to the farmer at as reasonable prices as possible, quality considered.

### SHIPPING CONDITIONS

All seed corn to be shipped in the ear unless otherwise ordered.

PRICES IN THIS CATALOGUE are subject to market changes.

Goods are shipped by freight F. O. B. cars at Humboldt unless otherwise ordered.

We charge for bags on all amounts of seed over one-half bushel, except corn and broom corn bags. We furnish new cotton bags at the lowest possible rate, 30 cents each, holding two and one-half bushels.

When corn is shipped in ear, it is put in crates or boxes. We charge 25 cents extra per bushel for crates or boxes for seed corn.

Remit by draft, express order or post office orders.

I sell no amount of seed corn in ear less than a bushel. A satisfactory test of seed corn cannot be made when small amounts are planted. It has been tested and found to degenerate.

I will furnish any amount shelled and graded as small as one-eighth of a bushel. We shell no less than ten bushels at a time, so it is thoroughly mixed and there is no danger of it degenerating.

My terms are cash with order. Every order will be acknowledged when received. I will notify you when shipment is made.

**GUARANTEE.** While we exercise great care to have all seeds pure and reliable, **WE GIVE NO WARRANTY**, express or implied. If the seeds are not fully satisfactory, they must be returned to us **AT ONCE** at our expense and the money will be refunded.

### I PREPAY POSTAGE

On all garden seeds when shipment does not exceed three pounds. In such instances as you order field seeds of any quantity I reserve the privilege of inclosing in the bags or crates such small packets as may be ordered, as it does not increase the transportation charges, and in consideration of this I will add enough seed to fully repay customers for this favor. This prepayment applies to the United States only.

### MY REFERENCES

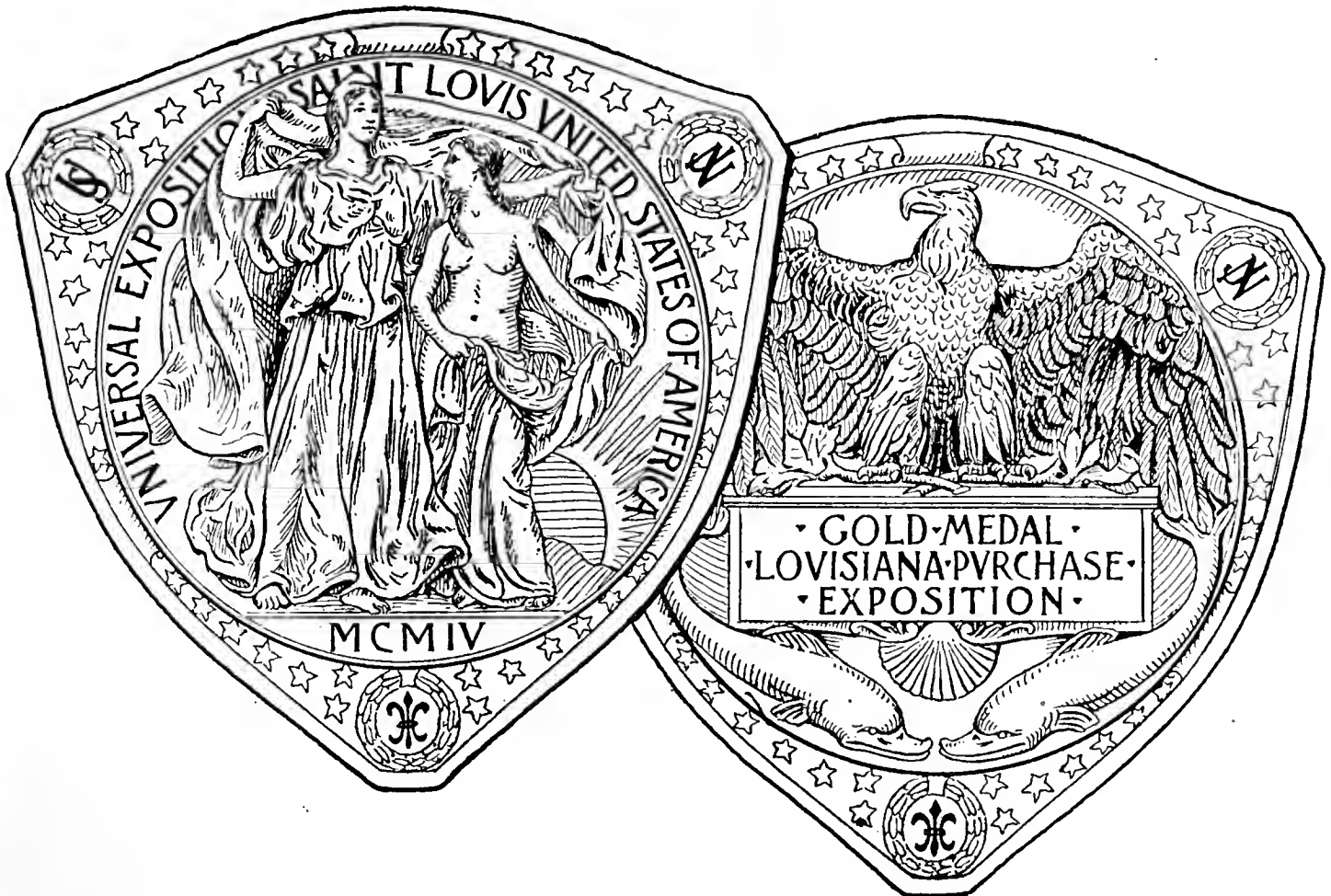
For information regarding my financial standing and responsibility, I would refer you to:

The First National Bank, Humboldt, Illinois.

The National Bank of Mattoon, Mattoon, Illinois.

Bradstreet, and R. G. Dunn.

# HUMBOLDT, ILLINOIS





## TOLAND'S IMPROVED SEED CORN

The greatest care is exercised in the cultivation and selection of my Seed Corn, which I give my personal attention from the time it is planted until it is shipped out. The windows are arranged in my Seed House that they can be opened on bright days and permit the sunshine and air to help absorb the moisture, and on cold, damp days the house is heated to prevent freezing and moisture. In this way the vitality of the seed cannot be destroyed.

The corn is all very carefully resorted before it is shipped.



A CRATE OF J. O. TOLAND'S BOONE COUNTY WHITE SEED CORN

### BOONE COUNTY WHITE

A standard variety of white corn that has held a high place in the list of white ear corn ever since its introduction.

I have made a specialty of breeding Boone County White Seed Corn for years and have experimented with eight other varieties, but have found the Boone County White superior to all others. Why? On account of its fine quality and large yield. It is famous because of the large amount of protein it contains, which is so necessary in raising young stock and feeding work horses.

Boone County White has been tested in Ohio, Indiana, Illinois and Kansas with splendid results. It makes a strong and vigorous growth, making it valuable for ensilage. Under favorable conditions it matures in about one hundred and ten to one hundred and fifteen days. No other variety of white corn has shown like results, and we most heartily recommend it to the farmer and stock raiser. Price, per bushel, \$1.00; one-half bushel, 75 cents.

### REID'S YELLOW DENT CORN

Reid's Yellow Dent is a medium early variety, a medium size ear with a bright yellow color, having a deep grain and very small red cob. It has from 18 to 22 rows of kernels, and cobs are nearer filled at both ends than any other variety. This variety is adapted to soil and climate conditions as far north as Iowa. And in recent years it is one of the most popular varieties, noted for its high yield and excellent feeding qualities. It has been truthfully said, that three-fourths of the Yellow corn planted in the Corn Belt was Reid's Yellow Dent. Price, per bushel, \$1.00; one-half bushel, 75 cents.

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### BROOMCORN SEED.

Broomcorn is one of the cheapest varieties of seed a farmer can plant. At the present price of my seed, \$2.00 per bushel, it will only cost 10 cents per acre to plant J. O. Toland's High Bred Seed, which germinates 98 per cent. or better. This price is very, very low in comparison with other field seeds.





REID'S YELLOW DENT SEED CORN

## BROOM CORN

TOLAND IS ONE OF THE LARGEST BROOM CORN SEED GROWERS IN THE WORLD, GROWING ONLY THE STANDARD VARIETIES. HE HAS MADE A SPECIALTY OF BROOM CORN SEED SINCE 1881, CLEANING ALL SEED AND PREPARING IT FOR PLANTING BEFORE SENDING OUT.

### BROOM CORN CULTURE

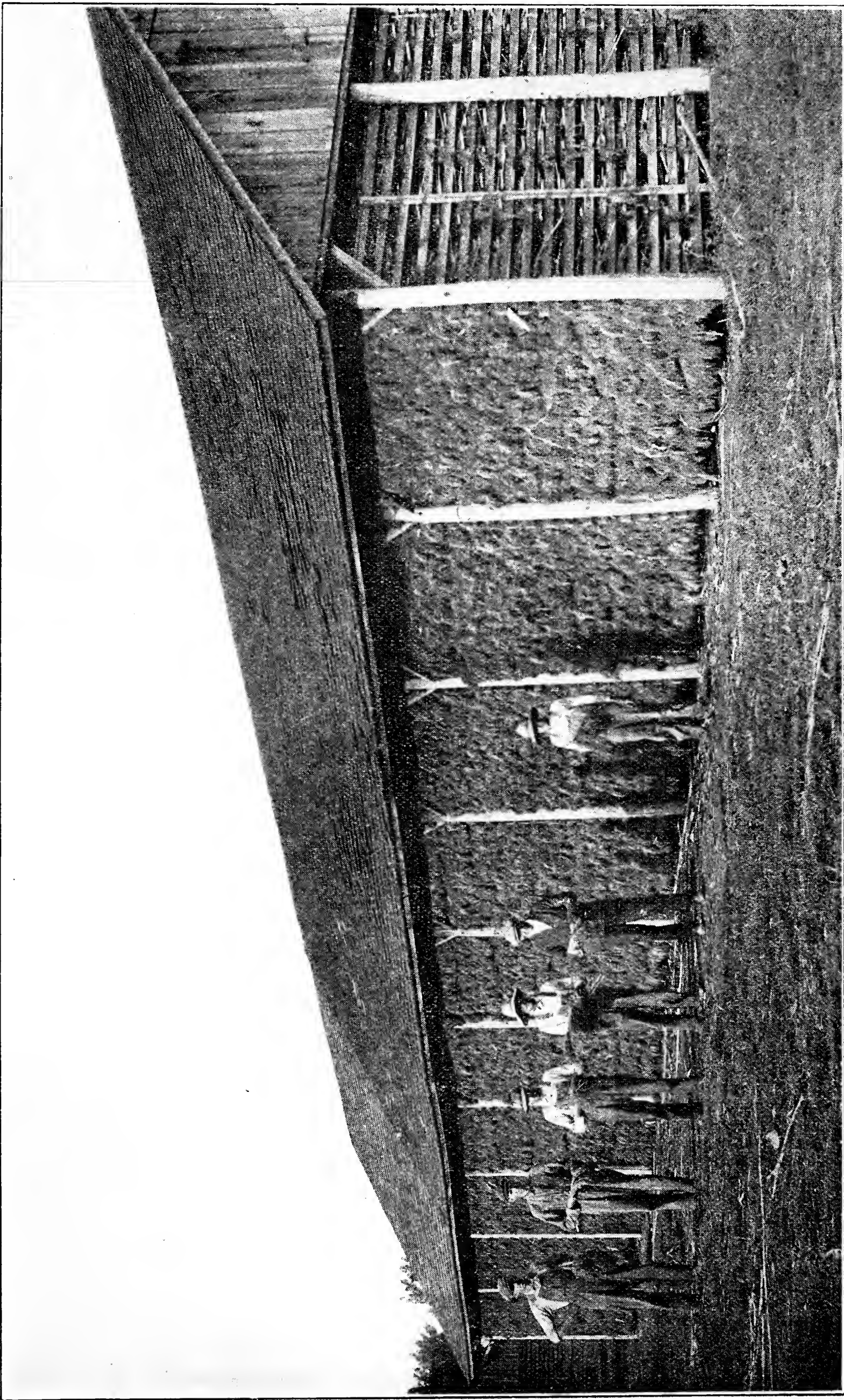
Broom corn is a tropical plant adapted to hot, dry weather, much as sugar cane, or sorghum. It is produced with good results on any good corn land. The quality of brush depends on the soil and climate and quality of seed used, the best being raised in Central Illinois, Central Kansas and Oklahoma.

Preparation of the soil should have careful attention; all stalks and other field rubbish should be removed; the ground should be broken up as soon as the field is in proper condition; plow the same depth as for Indian corn or maize; let it stand until the ground is thoroughly warmed, usually about the 15th of May in Central Illinois, varying according to weather conditions and climate; then disc and give vigorous harrowing if it is rough and cloddy, roll until it is fine and well broken up. It should be in the same condition as soil for a seed bed for wheat. The seed should be thoroughly cleaned, using one bushel to 20 acres. Adjust the planter three feet wide and drill from 55 to 60 seeds to the rod in the row. It should be planted from one and one-half inches to two inches in depth. As soon as the little plants appear above the ground, it should be rolled if the surface is dry. When it is in such condition, the weeder should be used, which improves the soil and destroys the little weeds, but if the surface is damp, use the three-shovel cultivator.

Sheds must be made before the harvest begins. One built 24 by 48 feet will hold 30 acres of brush as it usually requires three acres for the ton. To build a shed, set posts in the ground and cover with shingles or any good roofing. Gable the ends but leave the sides open. The strips to support the shelves should be one by three inches, nailed three inches apart; this will make the shelves six inches apart and leaves three inches for air space. Many make a mistake by using one by four strips which gives only a two inch air space.

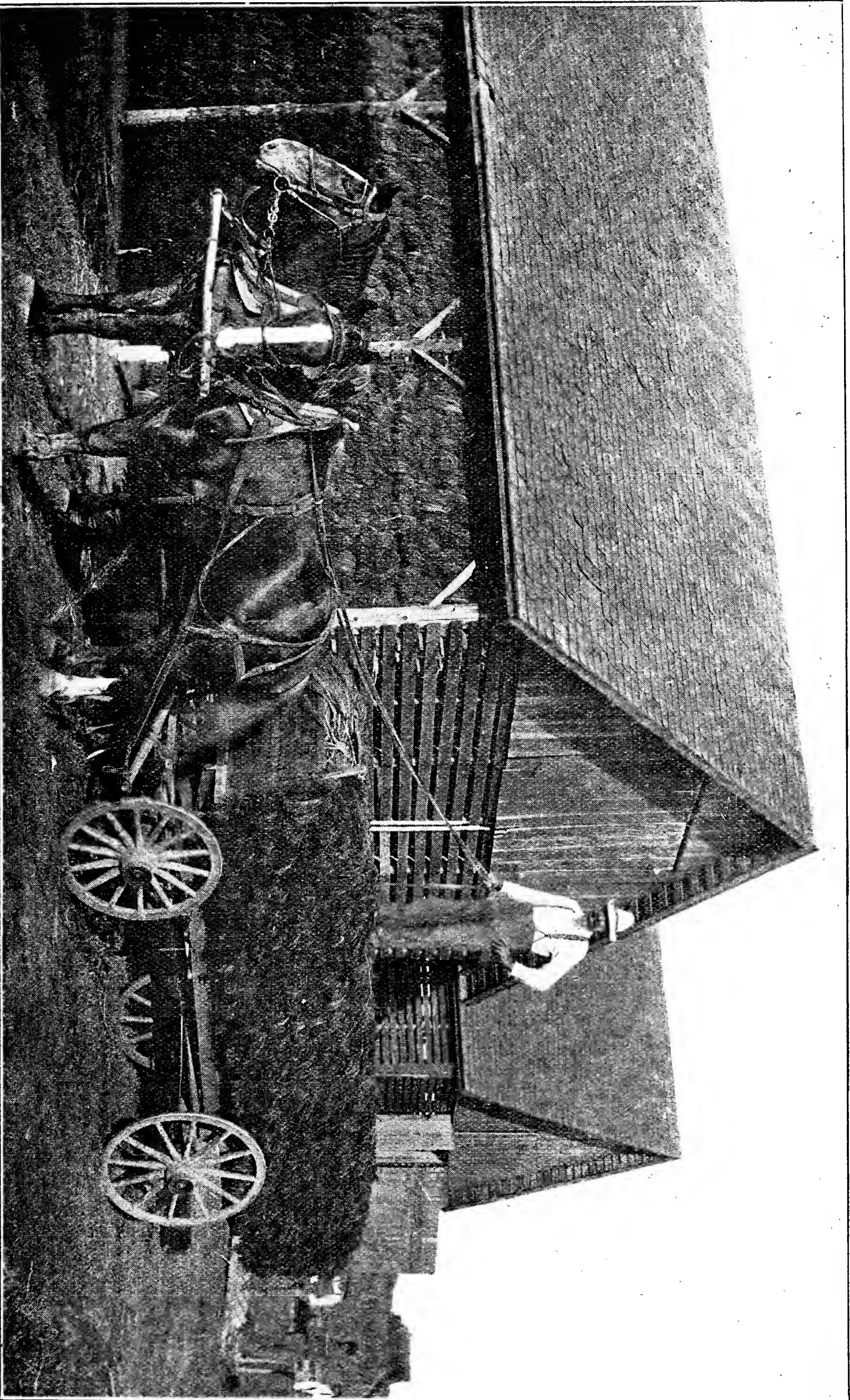
The proper time to harvest it is when it is in full bloom; if harvesting is delayed the brush will retain a bad color. When the brush is in the condition as stated above, break it cross wise of the row making a complete table convenient to the cutter, the stems should be six inches long after it is cut and laid on the table, laying off every third table for a drive table. Two men with a dump rack on the wagon, one on each side, drive through the field and gather the brush, laying the heads on the dump outward. Then draw it to the seeder and dump on convenient ground that it may be seeded. The seeding will require about 15 or 20 men. After the brush is seeded, it is spread on the shelves for drying. The condition of the brush governs the thickness of the layers, generally about three inches in depth. When it is well cured, which requires about ten days to two weeks when the weather is favorable, then it is ready to bale. By the use of the baler, it is made into neat bales weighing about 300 pounds.





A SHED OF TENNESSEE EVERGREEN SHOWING HOW SEED IS SHELVED AND CURED BEFORE SEEDING





A SHED OF BLACK SPANISH BROOM CORN SEED ON COLES COUNTY SEED FARM





### TOLAND TREATING SEED FOR SMUT

Toland experimented with smut in broom corn for many years, and in the year 1902 he found the most satisfactory preparation which frees it almost entirely from smut. It has been brought to our notice that fields planted from inferior seed were full of smut, while a field adjoining, which was planted from our seed, remained free from smut, the other field having no effect upon it throughout the entire season. There is a great deal of misunderstanding as to how Toland treats his seed for smut. He uses three chemicals in liquid form. The seed is put in boxes and planted immediately, not even allowed to stand over noon. This entirely frees the broomcorn seed from smut, and very little or any smut appears in the next crop. Occasionally there are some smut heads when it is planted in a field where there has been corn or oats which had smut in it.

After years of careful work and close attention, I have it strictly pure and giving excellent satisfaction. Some of the dealers and manufacturers claim it has meant millions to the trade. I have a very choice stock of my own growing to offer this year, and will give all orders my prompt and careful attention.

### AUSTRIAN BROOM CORN SEED

The introducing of the Austrian broom corn has been a question among the dealers and growers here. In the year of 1901, Mr. A. H. Grunewald of Chicago, sent me about one ounce of Austrian broom corn seed, requesting me to try it. I put the seed in water; about 100 sank to the bottom; these I planted, the rest being too weak to germinate. The 100 seeds produced about ninety stalks of broom corn. I did not treat this for smut, and when headed about one-third was smut. The brush and seed of six heads were very red; four dark, like sorghum, and five, where the brush knit on the stem, curly and rough. The remaining were long, green heads, which averaged three and one-half feet in length.



## COLES COUNTY SEED FARM

I saved the seed from the good heads and treated it for smut the following year before planting. I planted eighty seeds to the rod, and had enough for one-fourth of an acre. This, when matured, was a great improvement over the preceeding lot, most



INTERIOR OF SEED STORE SHOWING WHERE AND HOW J. O. TOLAND'S BROOM CORN SEED IS PACKED

## **HUMBOLDT. ILLINOIS**

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of it being nice, long green brush, free from smut with very few dark or red heads, and the length reduced about six inches. I selected from this plot the medium length, nice plump heads for seed. I continued to do this year after year, until I attained a nice, long, green hurl brush, with an extra fine fibre. Price per lb., 30 cents; one-fourth bushel, 75 cents; one-half bushel, \$1.25; one bushel, or 48 lbs., \$2.00.

### **TENNESSEE EVERGREEN**

The most popular variety in the market is the Tennessee Evergreen. The seed was obtained from Tennessee, then bred and climated, thus making the brush of better quality. This variety is growing very popular and is recommended by different broom corn dealers and manufacturers. It is especially adapted to Western soil. Price, per lb., 30 cents; one-fourth bushel, 75 cents; one-half bushel, \$1.25; one bushel, \$2.00.

### **WHITE ITALIAN**

White Italian Broom Corn is adapted to the various broom corn countries. It grows a good quality brush with a bushy, square top, and good length. Price, per lb., 30 cents; one-fourth bushel, 75 cents; one-half bushel, \$1.25; one bushel, \$2.00.

### **BLACK SPANISH OR JAPANESE**

This variety of Broom Corn produces a fine quality of brush and has become very popular with the manufacturers, as it has a fine fibre and when harvested under proper conditions has a bright green color. It does not grow as tall as the Tennessee Evergreen, but matures from twelve to fifteen days earlier, and is preferable for late planting. The seed is a dark chocolate color. Price, per pound, 30 cts.; one-fourth bushel, 50 cents; one-half bushel, \$1.00; one bushel, \$1.50.

Field Seed prices change constantly, so in order to give you the Best Seeds at the Lowest Possible Prices, ask that you write me stating exactly amount and variety you need, and I will send you samples and best prices by return mail.

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## **GRASS SEEDS**

### **CLOVER**

RED	MAMMOTH	SWEET	ALSIKE
ALFALFA	TIMOTHY	BLUE GRASS SEED	

**Prices on application.**



## SEED OATS

IOWA 103

SILVERMINE

GOLDEN PROLIFIC

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SORGHUM SEED

WHITE KAFFIR CORN SEED

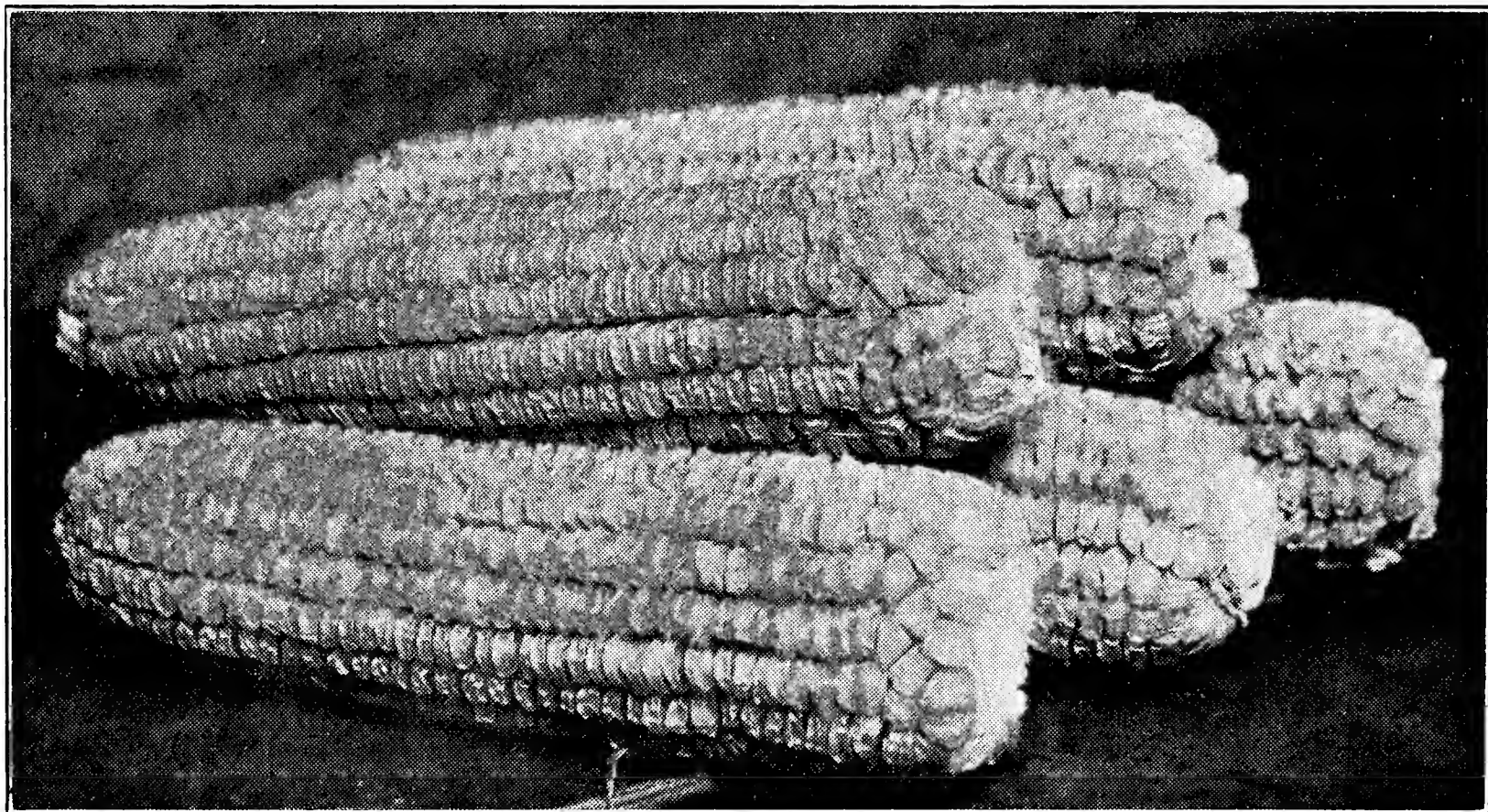
DWARF ESSEX RAPE SEED

RYE SEED

Prices on application.

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## SWEET CORN—Standard Varieties



### LEONARD'S GOLDEN HUMMER

The largest and earliest of the Yellow Sweet Corns. Our trials show it to be six days earlier than the Golden Sunshine and the ears fully an inch longer and is a twelve rowed corn. Packet, 10 cents;  $\frac{1}{2}$  lb., 15 cents; lb., 25 cents.



MARY FRANCES TOLAND  
YOUNGEST MEMBER OF COLES COUNTY SEED FARM.

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#### **GOLDEN BANTAM**

A very early Sweet Corn with golden grain, very tender and of excellent quality. The flavor is exceptionally rich and delicious. This is one of the best early varieties for table use. Price, 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.

#### **COUNTRY GENTLEMAN**

This variety has a small white cob, densely covered with irregular rows of very long slender white grains, which are of excellent quality. Stalks are from six and one-half to seven feet in height. By many it is regarded as the best of the late varieties, and fine for canning purposes. Price, 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.

**Prices Subject to Market Fluctuations**

### STOWELL'S LARGE EVERGREEN

Stowell's Evergreen is the best variety of sweet corn for any purpose. It is large eared, productive and remains in a suitable condition for cooking purposes a long while. It is especially fine for feeding young hogs for the market. It matures in about ninety days, and is ready to use earlier than the ordinary field corn. It is very closely jointed, has large, broad blades, grows about seven feet high, and affords an abundance of ensilage, which is much better than Indian corn.

Price, 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.

## POP CORN

### WHITE RICE

The finest variety in existence belongs to the rice family. The best yielder, and far in advance of any other variety, ears averaging six inches in length. Beautiful shape; the best popper.

Price, 25 cts. per lb.; 15 cts.  $\frac{1}{2}$  lb.; pkt., 10 cts.

### QUEEN'S GOLDEN

One of the very best varieties grown. Its quality and handsome appearance when popped are very noticeable. It pops perfectly white, and a single kernel will expand to a diameter of nearly one inch. The stalks grow six feet high, and the large ears are produced in abundance.

Price, 25 cts. per lb.; 15 cts.  $\frac{1}{2}$  lb.; pkt., 10 cts.

## GARDEN SEEDS

### BUSH BEANS—Wax Pod Varieties

#### GERMAN BLACK WAX

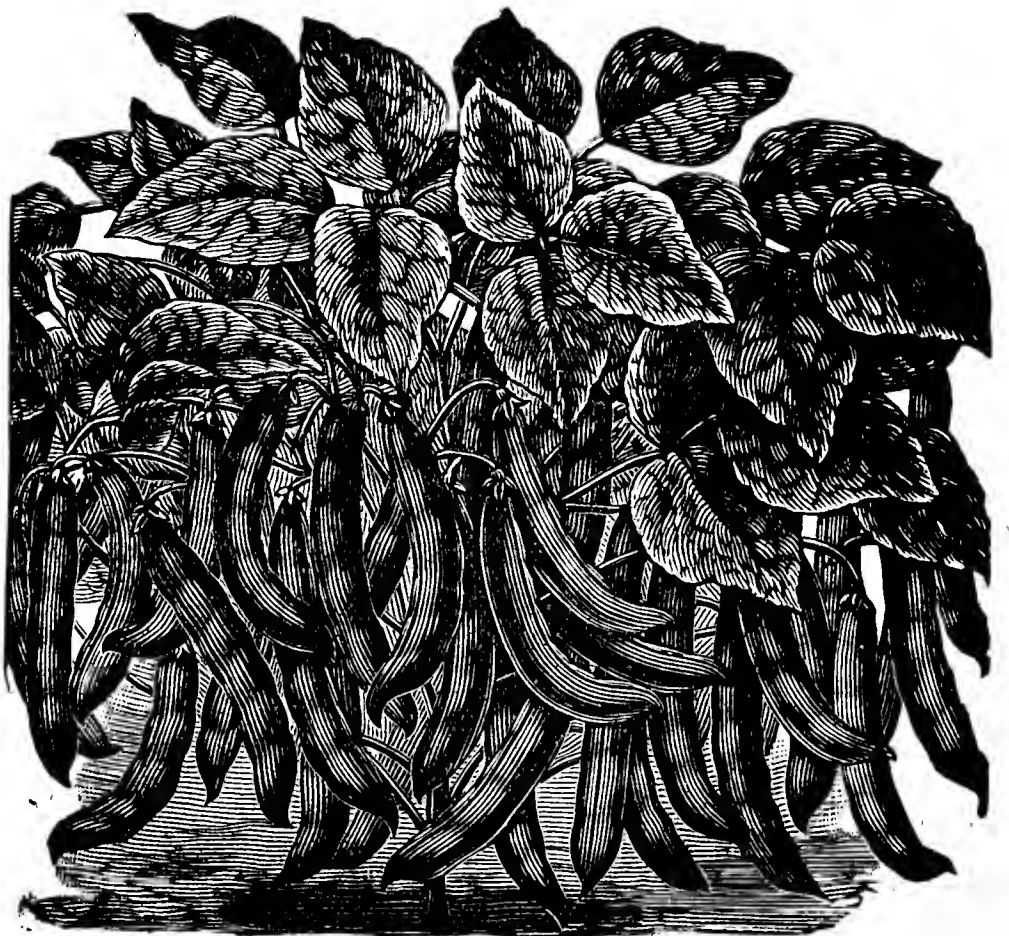
The old standard Black Wax Bush Bean. It is so good that it is worthy of special notice. The pods are round, brittle, of handsome golden yellow color, and of buttery flavor when cooked.

Price, 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.

#### IMPROVED GOLDEN WAX

Rust proof, an improvement on the old style Golden Wax. Pod is semi-round, yellow, of good quality and has no string. Ready for picking 47 days from planting.

Price, 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.



Improved Golden Wax



WARDWELL'S KIDNEY BEANS

Most profitable market gardener's shipping bean. This bean is entirely distinct from that of all other wax varieties; perfect kidney shape. Most prolific variety; one of the earliest and most hardy. Pods long, flat, waxy, yellow, brittle and stringless. Desirable for every climate. Can be grown with great profit in the South for early shipment North. Price 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.

DAVIS WHITE WAX—A VERY HARDY AND PRODUCTIVE VARIETY

Desirable where a wax-podded, white seeded midseason sort is wanted. Vines very vigorous. Pods invariably long, light yellow, straight and handsome, and when young are crisp and tender. Seeds medium large, kidney shaped, clear white and excellent for baking. Price, 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.

BUSH BEANS—Green Pod Varieties

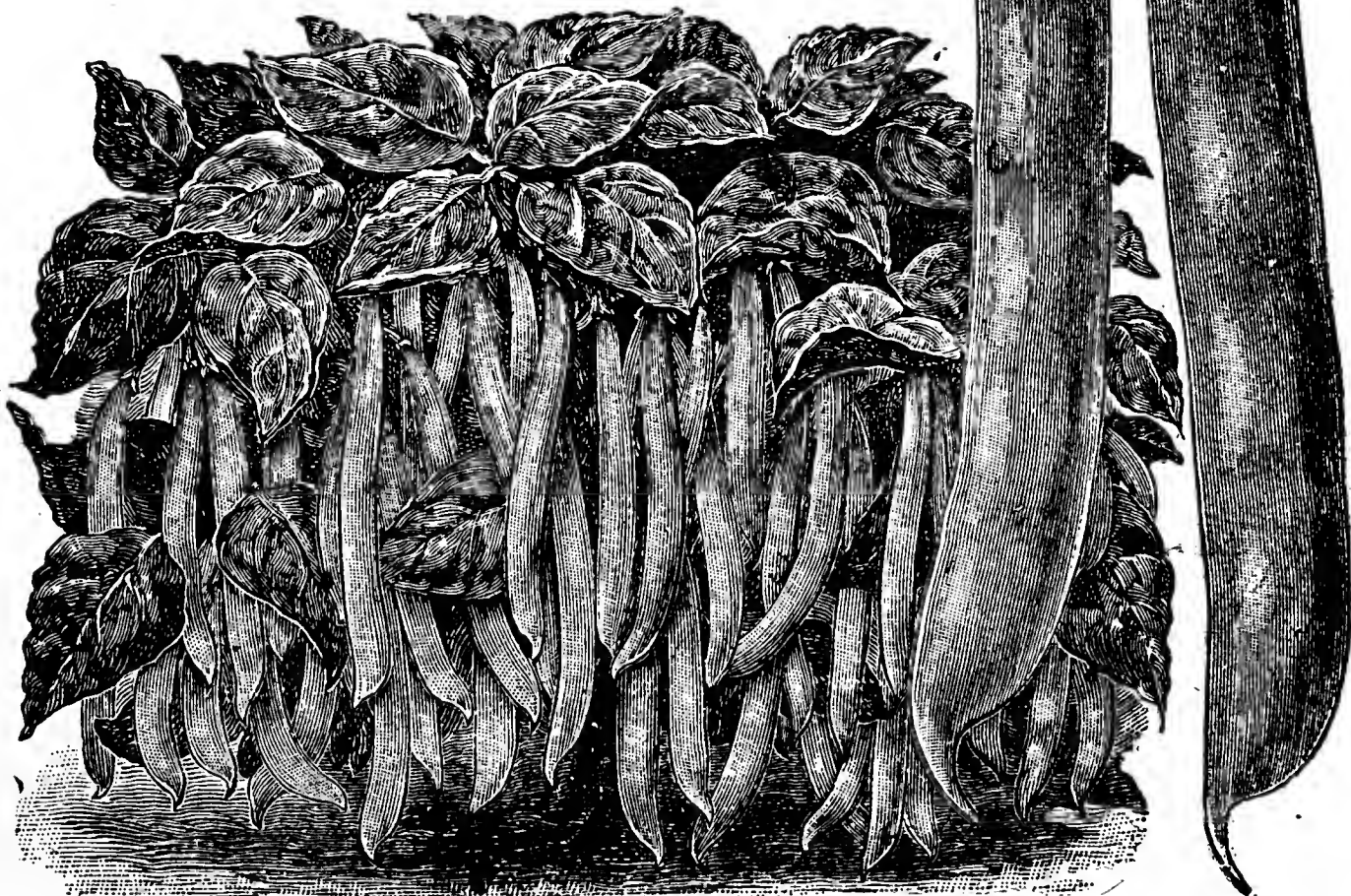
BURPEE'S STRINGLESS GREEN POD

A Round, Green-Podded Bush Bean

A Prolific and Continuous Bearer, The First in Spring—the Last in Fall. Absolutely Stringless—Very Tender and of Delicious Flavor.

Absolutely the best Early Stringless Round Podded Green Snap Bean for market or home use. Extremely early, very productive, unusually hardy, handsome appearance, entirely stringless, finest quality, dwarf bushy variety, bearing immense quantities of long, thick fleshed round pods. Excellent for spring, summer or fall planting.

Price, 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.



Stringless Green Pod

**EARLY IMPROVED RED VALENTINE**

Hardy, pods light green, and semi-transparent, round and slightly curved. Succulent, prolific, and quite free from strings, continuing long in an edible condition, 46 days from planting to first picking. Price, 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.

**RED KIDNEY**

This is a well known shell bean, fine for baking purposes. Price, 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.

**POLE BEANS**

**LAZY WIFE**

**Enormous Productive—Excellent Quality**

The pods are produced in great abundance and measure 6 inches in length. They are broad and thick, fleshy and entirely stringless. The pods retain their rich, tender, and stringless qualities until nearly ripe, and at all stages are peculiarly luscious. Each pod contains from 6 to 8 round white beans, which make excellent winter shell beans. Price, 10 cts. pkt.; 20 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.

**RED SPECKLED CUT SHORT, OR CORN HILL**

Very popular in the central and southern states for planting among corn and it will give a good crop without the use of poles. Vines medium sized, pods short, fleshy, and of good quality. Prices, 10 cts. pkt.; 20 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.

**KENTUCKY WONDER OR OLD HOMESTEAD**

This splendid variety has vigorous vines, climbing well and very productive, bearing its pods in large clusters; blossoms white, pods even; very long, often reaching 9 to 10 inches, nearly round when young, and very crisp, continuing in use for an extended season. Price, 10 cts. pkt.; 20 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.

**WHITE CREASEBACK**

Valuable for its extreme earliness and its habit of ripening all of its pods within a short time. Wonderfully prolific, bearing round, fleshy pods in clusters of from four to twelve. Best quality as snaps. Price 10 cts. pkt.; 20 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.

**DWARF LIMA VARIETIES**

**BURPEE'S BUSH LIMA**

A bush form of the true Large White Lima and of equally good quality. Plants uniformly dwarf, but enormously productive. Pods are large as those of the pole variety and contains from three to five very large, flat beans of the best quality. Price, 10 cts. pkt.; 20 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.

**POLE LIMA BEANS**

**KING OF THE GARDEN LIMA**

The old standard market and family sort. The vines begin to produce pods at the foot of the pole, and the bearing season continues until frost. Pods large and well filled with white beans of mammoth size. On account of its large pods it is a favorite with market gardeners. Price, 10 cts. pkt.; 20 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.

**Prices Subject to Market Fluctuations**



**FLORIDA BUTTER OR SPECKLED LIMA**

Will make an abundant crop under weather conditions that cause other varieties to fail. Seed small size speckled white and brownish red.

Price, 10 cts. pkt.; 20 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.

**NAVY BEANS**

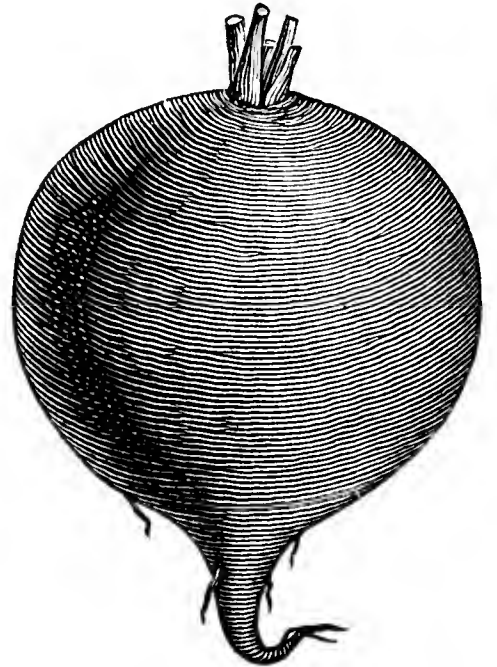
Select White Navy Beans. Price, 10 cts. pkt.; 15 cts.  $\frac{1}{2}$  lb.; 25 cts. lb.

**TABLE BEETS**

**DETROIT DARK RED TURNIPS**

Very valuable for canning, making a strikingly handsome product, much superior to that obtained from any other variety. Flesh bright red, zoned with a darker shade; very crisp, tender and sweet and remaining so for a long time. Price 5 cts. pkt.; 10 cts. oz.; 22 cts.  $\frac{1}{4}$  lb.

**Long Smooth Dark Blood.** The standard long late sort. Very dark, blood-red flesh, quality fine. Price, 5 cts. pkt.; 10 cts. oz.; 22 cts.  $\frac{1}{4}$  lb.



**Detroit Dark Blood**

**CROSBY'S EGYPTIAN BEET**

The name of this variety is misleading, as it resembles the Egyptian only in its extreme earliness. They are also more spherical than the Extra Early Egyptian and we think of better quality. One of the best for early planting out of doors. Price, 5 cts. pkt.; 10 cts. oz.; 22 cts.  $\frac{1}{4}$  lb.

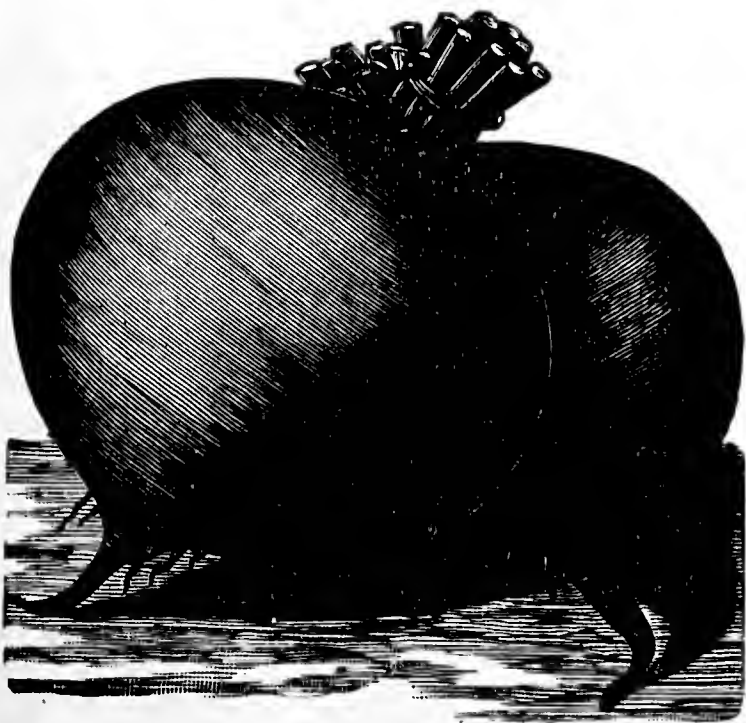
**HALF LONG BLOOD**

One of the best for winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark flesh is very sweet, crisp and tender, never becoming woody, even in the exposed portions. Price, 5 cts. pkt.; 10 cts. oz.; 22 cts.  $\frac{1}{4}$  lb.

**EARLY ECLIPSE.**

**The Popular Beet for Early Use**

Tops small, dark purplish green. Roots nearly globular, with a small tap root and collar. A splendid variety. Flesh dark red, zoned with lighter red; sweet, crisp and tender. Price, 5 cts. pkt.; 10 cts. oz.; 22 cts.  $\frac{1}{4}$  lb.

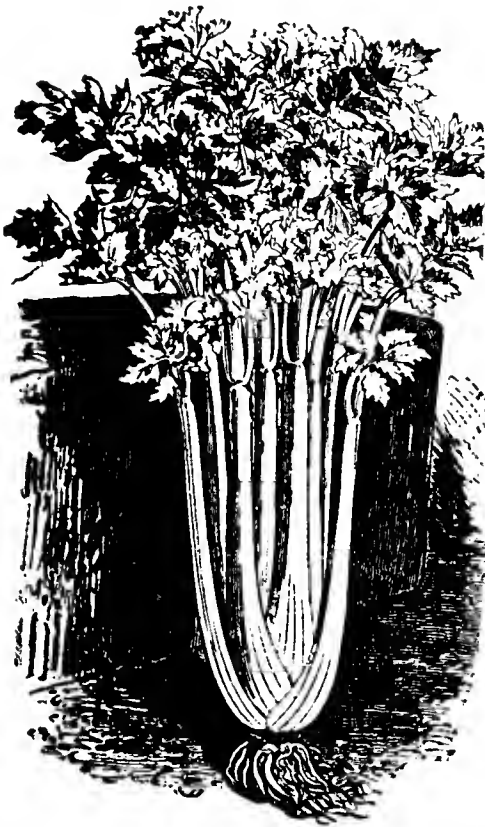


**Early Eclipse**

**EARLY BLOOD TURNIP IMPROVED**

**A Good Standard Early Beet**

A round, smooth variety; very early, vigorous grower; with small top and of bright red color. Price, 5 cts. pkt.; 10 cts. oz.; 22 cts.  $\frac{1}{4}$  lb.



**Golden Self-Blanching**

**CELERY**

**GOLDEN SELF-BLANCHING, AMERICAN STOCK.**

The best self-blanching sort. It acquires a handsome golden color without having to be hilled up, which makes it a valuable market sort. Price, 10 cts. pkt.

**WHITE PLUME**

A good self-blanching sort, good for fall use, but does not keep well. Price, 10 cts. pkt.

**DWARF GOLDEN HEART**

A fine long keeping golden dwarf celery. The heart is large, surrounded by a shapely solid stalk. After storing, the heart blanches a beautiful golden, is unsurpassed in quality and is so large that little trimming is required for market. In many Celery-growing sections this variety is planted most exclusively. Price, 10 cts. pkt.

**GIANT PASCAL**

This is a green leaved variety, is an excellent sort for fall and winter use. It blanches to a beautiful yellowish-white color, is very solid and crisp and of a fine nutty flavor. Price 10 cts. pkt.

**CARROTS**

**OX HEART OR GUERANDE**

**Early, Handsome; Ready Seller**

Tops small for the size of the roots, which are comparatively short, but often reach a diameter of 5 inches, terminating abruptly in a small tap root. Flesh bright orange, fine grained and sweet. A splendid variety. This is a desirable variety for soil so hard and stiff that longer growing sorts would not thrive in it. When young, excellent for table use, and when matured equally good for stock. Price, 5 cts. pkt.; 10 cts. oz.

**EARLY SCARLET OR SHORT HORN**

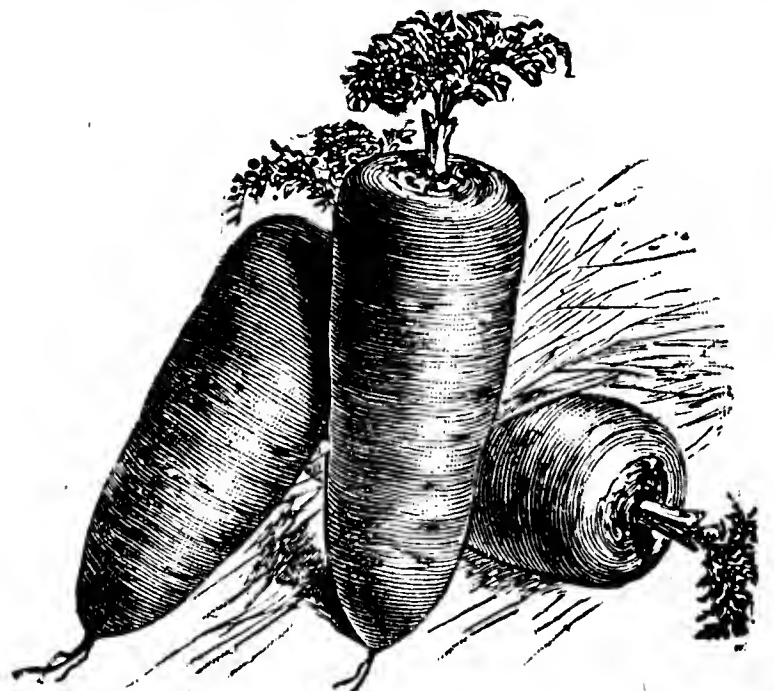
**Tender and Delicious**

A favorite for early crop. Color deep beautiful orange; has a short, stump-shaped root, large at top, therefore easily pulled. Price 5 cts. pkt.; 10 cts. oz.

**DANVERS**

Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops medium sized, coarsely divided.

The smooth and handsome roots are deep orange, of medium length, tapering uniformly to a blunt point; flesh sweet, crisp and tender and of a deep orange color. This is a popular field variety, and although the roots are shorter, they produce as large a bulk as the longer field sorts and are more easily harvested. Price, 5 cts. pkt.; 10 cts. oz.



**Danvers Carrots**



**Chantenay**

**CHANTENAY**

Tops medium size; necks small; roots tapering slightly, but uniformly stump-rooted and smooth; color, deep orange; flesh very crisp and tender. Although this is a medium early sort, it furnishes roots of usable size as early as any, is a heavy cropper, and is undoubtedly one of the best for both the market and private garden, while its productiveness makes it desirable as a field sort. Price, 5 cts. pkt.; 10 cts. oz.

**IMPROVED LONG ORANGE**

**The Best Keeper**

The most popular of the older sorts for farm use on mellow soil. Roots proportionately shorter than the Long Orange and smoother. Price, 5 cts. pkt.; 10 cts. oz.

**CAULIFLOWER**

**LEONARD'S EARLY SNOWBALL**

Certainly a fine variety, great favorite and standard throughout the country; very early, close growing, of compact habit; it is well adapted for forcing under glass during winter and spring. The heads are large. For early and late planting, for the family or the market garden this variety can be depended upon for excellent results. Price, 20 cts. pkt.

**AUTUMN GIANT**

A late variety adapted for growing in the fall. Will do well under favorable conditions. Price, 15 cts. pkt.

**DANISH DRY WEATHER**

Where the more delicate bred varieties would succumb to unfavorable warm weather conditions, this sort is very desirable. Price 20 cts. pkt.

**CUCUMBER**

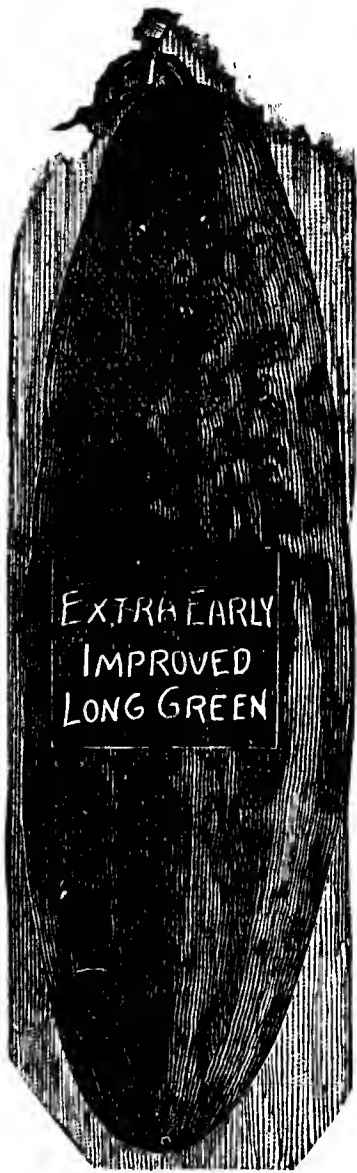
**DAVIS PERFECT**

The shape is ideal. It is almost seedless one-third of its length from the stem and the few seeds that are contained in its blossom end when in eating condition are so small and tender that they are hardly noticeable. Price, 5 cts. pkt.; 12 cts. oz.

**CHICAGO PICKLE, WESTERFIELD'S LEONARD STRAIN**

Fruit medium length, pointed at each end, with large and prominent spines. Color a deep green. It combines all the good qualities of an early cucumber. Price, 5 cts. pkt.; 12 cts. oz.

**Prices Subject to Market Fluctuations**



### IMPROVED LONG GREEN

Recommended to all who put up their own pickles. Vines vigorous and productive, forming fruit fit for the table nearly as early as the shorter sorts; fruit grows long, firm and crisp. When matured is sometimes used for making sweet pickles. Price, 5 cts. pkt.; 12 cts. oz.

### EARLY CLUSTER

Fruit is of the form desirable for pickling; often growing in cluster of two or three Cucumbers. If the fruit is kept closely gathered, the vines will continue bearing. Price, 5 cts. pkt.; 10 cts. oz.

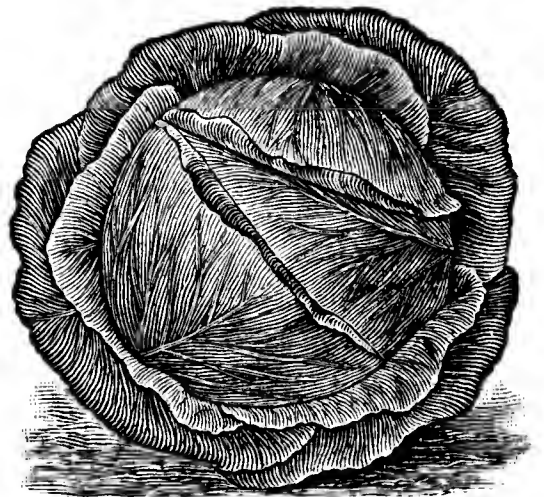
### ARLINGTON'S WHITE SPINE

This is a very early pickle extremely productive; quite hardy and retains its light green color after it has been pickled. Delicious flavor and unusually tender and crisp. Superior for pickling purposes. Price, 5 cts. pkt.; 12 cts. oz.

## CABBAGE

### ALL-HEAD EARLY

Makes a deep, flat head, solid and uniform in color, shape and size. In tenderness it is unsurpassed. Can be grown either for summer or winter use. By reason of its compactness it can be planted close and will yield more heads to the acre than varieties of a more spreading habit. Price, 5 cts. pkt.; 15 cts. oz.



All-Head Early

### EARLY WINNINGSTADT

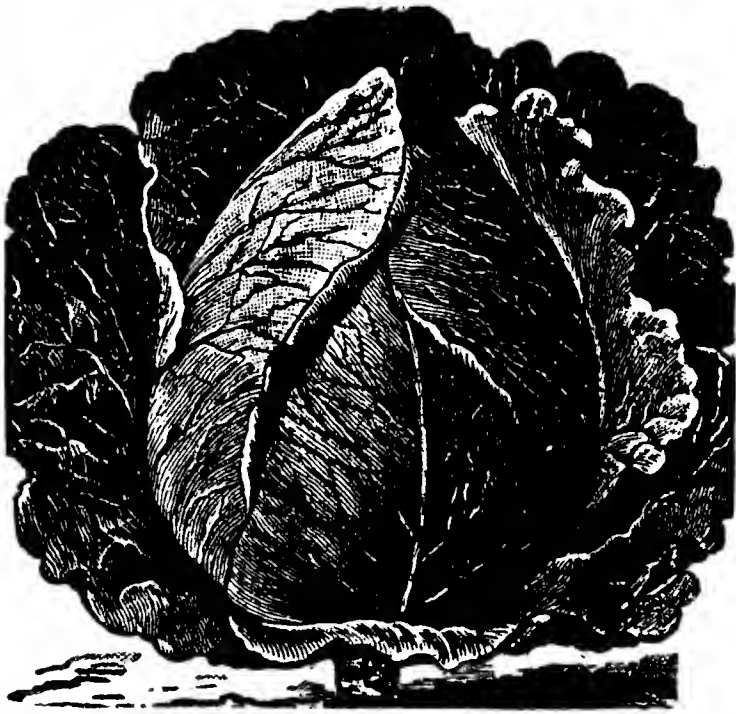
An early pointed head variety of excellent quality not as early as the Wakefield but larger. Price 5 cts. pkt.; 15 cts. oz.

### COPENHAGEN MARKET

Very popular with Market Gardeners

The heads are hard and solid with small core. The quality is extra fine and sweet. It is a short stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer-shaped, tightly folded, making it possible to set them close together in the field. Price, 5 cts. pkt.; 20 cts. oz.





**Early Jersey Wakefield**

**EARLY DWARF FLAT DUTCH**

An early cabbage of good size. Heads are flat and very solid. Price, 5 cts. pkt.; 15 cts. oz.

**EARLY JERSEY WAKEFIELD  
CABBAGE**

The most popular of the pointed head varieties. Exceedingly early, a good cropper, heads of good size, solid and uniform. Price, 5 cts. pkt.; 15 cts. oz.

**EARLY DRUMHEAD**

A second early, sure heading cabbage of good quality. Plant of compact growth. Head large, thick, flattened on the top, solid, crisp and tender. Pkt. 5 cts.; oz., 15 cts.

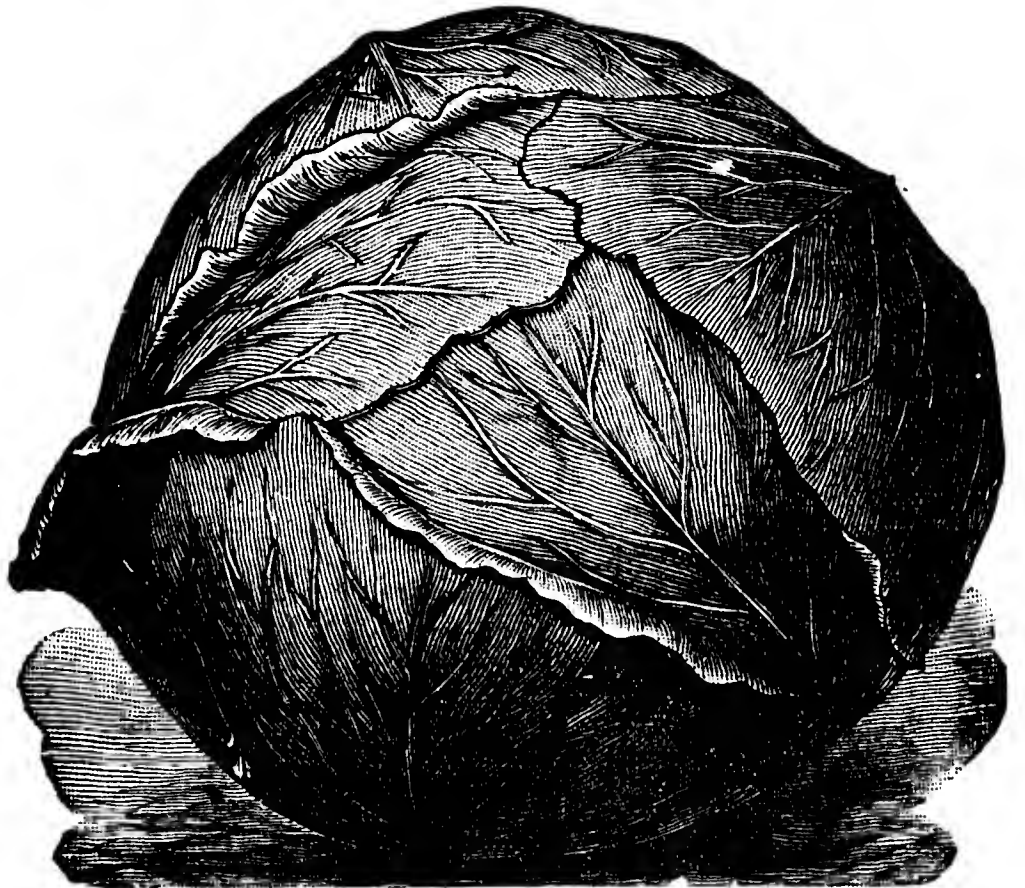
**HENDERSON'S EARLY SUMMER**

**Standard Mid-Summer Variety**

This variety is deservedly popular with the market gardeners. It forms large, solid, round, flattened, compact heads of excellent quality. The heads average more than double the size of the Jersey Wakefield, while it matures only ten to twelve days later. Price, 5 cts. pkt.; 15 cts. oz.

**PREMIUM FLAT DUTCH**

This variety of late cabbage is a standard in all sections for winter use. It makes a large solid head which keeps long without bursting, and is adapted to varied climates. Price, 5 cts. pkt.; 15 cts. oz.



**Premium Flat Dutch**

**IMPORTED STOCK—DANISH BALLHEAD CABBAGE**

It is hard heading, and long keeping cabbage. Heads round as a ball, solid, fine grained, has few outer leaves, tender, crisp and of unexcelled flavor. Price, 10 cts. pkt.; 15 cts. oz.

**Prices Subject to Market Fluctuations**

## GARDEN SPECIALTIES

### EGG PLANT

#### LEONARD'S IMPROVED NEW YORK PURPLE

Very large and smooth, fine dark color. Ours is the spineless plant, most preferred by our market gardeners, both east and west. Price, 10 cts. pkt.

#### BLACK BEAUTY

The fruits are rich dark purple, large and symmetrical, maturing a little earlier than Improved New York Purple but usually not quite as large. A very desirable sort for the market as the fruit holds its color a long time. Pkt., 10 cts.

### KALE

**Dwarf Curled Scotch.** Plant low and compact, but with large, bright, deep green leaves, curled, cut and crimped until the whole plant resembles a bunch of moss. One of the best sorts for use, and when well grown and cooked is one of the most palatable of vegetables. Pkt. 5 cts.

### ENDIVE

**Green Curled.** Beautifully curled, tender and crisp. Pkt. 5 cts.

### KOHL-RABI

#### EARLY WHITE VIENNA FORCING

An extra early variety ready for table seventy-five to eighty days after planting. Has very few short leaves, and the bulbs are very sweet and tender when two and one-half to three inches in diameter. Price, 5 cts. pkt.

#### EARLY PURPLE VIENNA FORCING

Bluish purple similar to above, except in color. Price, 5 cts. pkt.

### OKRA OR GUMBO

#### CULTURE

The pods of this plant are used in a great number of ways throughout the Southern States, and the plant should be more frequently grown in the north. Plant at corn planting time in rich land, sowing the seed thickly in two or three foot drills, and thinning to an eight to twelve inch stand, according to varieties. A generous planting is two ounces to one hundred feet and ten pounds to the acre. Okra seed may be planted six seeds to the hill, two to three feet apart and thinned to two plants to the hill.

#### PERKINS MAMMOTH LONG POD

The pods are produced in great abundance and average longer than other sorts. It is excellent for soups, stews or pickling. Price, 5 cts. pkt.

### PARSLEY

#### DOUBLE CURLED

The standard sort for outdoor culture, also highly prized by market gardeners for the greenhouse. Price, 5 cts. pkt.

#### CHAMPION MOSS CURLED

A very fine curled variety. One of the handsomest for garnishing purposes. The exceedingly curved leaves make it desirable. Price, 5 cts. pkt.

### RUTABAGAS

#### IMPROVED AMERICAN PURPLE TOP

The best yellow fleshed, purple top variety grown for stock or table. Price, 5 cts. pkt.

## **HUMBOLDT, ILLINOIS**

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### **WHITE RUTABAGA**

This variety is now very extensively cultivated, and preferred in many sections for its white flesh. It is very hardy and productive, keeps well until late in the spring, and is highly esteemed for its sweet, delicate flavor. Price, 5 cts. pkt.

### **SALSIFY OR VEGETABLE OYSTER**

The long, white tapering root of salsify resembles a small parsnip, and when cooked is a good substitute for oysters, having a similar flavor.

### **MAMMOTH SANDWICH ISLAND**

This is in every way superior to the Large White, being larger, stronger growing and less liable to branch. Price, 10 cts. pkt.

### **SPINACH ROUND LEAVED**

This variety is generally preferred in the North for early spring sowing, and is the favorite with market gardeners. The leaves are large, thick and fleshy. It stands the winter very well. Price, 5 cts. pkt.

### **KING OF DENMARK**

The best long-season Spinach, remaining two weeks longer than others before bolting to seed. Plant vigorous and spreading; leaves large, rounded, crumpled and blistered, deep green in color. Price, 5 cts. pkt.

### **LONG STANDING**

An improved, round seeded strain of excellent merit, having all the good qualities of other sorts and continuing in condition for use much longer. The leaves are smooth and very dark, rich green. Very popular with market gardeners. Price, 5 cts. pkt.

### **PRICKLY WINTER**

A very hardy variety and will withstand the severest weather with only a slight protection of leaves or straw. The seed is prickly, leaves triangular, oblong, or arrow shaped. It is used for fall sowing, which in this latitude is about the first of September. Price, 5 cts. pkt.

### **SWISS CHARD (Summer Spinach)**

#### **LUCULLUS**

This grand new and distinct variety is a great acquisition. The stalks are as thick and broad as Rhubarb. The plants grow to a height of from 2 to 2½ feet, and stalks are from 10 to 12 inches and 1½ inches broad. Price, 5 cts. pkt.; 10 cts. oz.

### **LETTUCE NEW YORK OR WONDERFUL**

One of the very best of the curled or crisp heading varieties. The head, at first pointed or conical, becomes globular at maturity and is of medium large size, dark green in color and slightly curled on edges. Heads are very hard and well blanched. Quality is excellent, being sweet yet never buttery in flavor. Price, 5 cts. pkt.; 12 cts. oz.

### **BLACK SEEDED SIMPSON**

This is the most popular early sort on the market. Forms large, loose heads. Leaves thin and exceedingly tender, of light green to golden yellow. Best sort for forcing or outdoor early planting. Price, 5 cts. pkt.; 10 cts. oz.



**Black Seeded Simpson**

**EARLY CURLED SIMPSON WHITE SEED**

Forms a close, compact mass of curly yellowish green leaves. Good for cold frames or early planting for outdoors. Price, 5 cts. pkt.; 10 cts. oz.

**PRIZE HEAD**

The leaves are very large, crimped, bright green tinged with brownish-red and are exceedingly tender, crisp and sweet. Price 5 cts. pkt.; 10 cts. oz.

**IMPROVED HANSON**

Its table quality is perfection itself, having a sweet, rich flavor, and its ability to remain a long time in edible condition is one of its leading characteristics. It forms immense heads, if good cultivation is given.

It is an outdoor Lettuce ONLY, and may be planted from the earliest Spring to late in the Fall. Price,, 5 cts. pkt.; 10 cts. oz.



**Improved Hanson.**

**ICEBERG**

A beautiful lettuce. Large, curly leaves of bright, light green, with a very slight reddish tinge at the edge. Price, 5 cts. pkt.; 12 cts. oz.

**MUSKMELON**

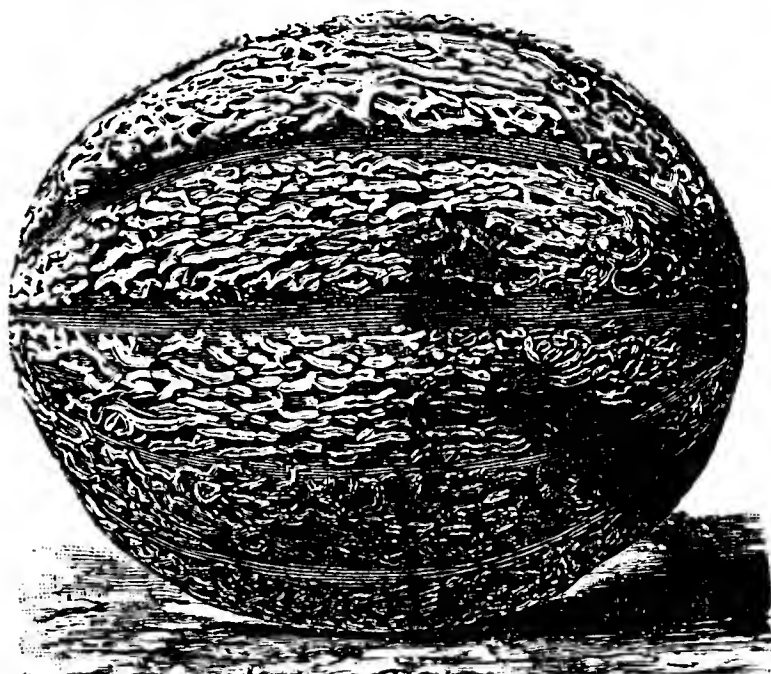
**NEW EARLY HACKENSACK**

The fruit is medium sized, nearly round, evenly and deeply ribbed and with a very coarse netting. The flesh is green, a little coarse, but very juicy, sweet and well flavored. Price, 5 cts. pkt.; 10 cts. oz.; 30 cts.  $\frac{1}{4}$  lb.

**TIP TOP**

We can heartily recommend this melon to every lover of luscious fruit and to every gardener who grows for the market. Splendid medium size, oval shape, distinctly ribbed; salmon colored, flesh firm and edible almost to the rind. Sweet, juicy, and delicious. A strong grower, heavy yielder and of handsome appearance. Price, 5 cts. pkt.; 10 cts. oz.; 35 cts.  $\frac{1}{4}$  lb.





Osage Muskmelon

### OSAGE, OR MILLER'S CREAM

A remarkable fine variety, and a very profitable sort for market gardeners, as it is fully established as a standard sort and will ever remain so. It is of medium size, oval in form, dark green in color, handsomely netted and slightly ribbed. The flesh is extremely and uniformly thick, of firm texture, rich salmon in color; highly flavored and delicious to the rind. Price, 5 cts. pkt.; 10 cts. oz.; 35 cts.  $\frac{1}{4}$  lb.

### ROCKYFORD

This has become one of the most popular of small or crate melons. The vines are vigorous and productive. The fruits are oval, slightly ribbed, densely covered with fine netting. Flesh green, very sweet and highly flavored. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.

### HONEY DEW

The fruits are round and slightly oval, six to eight inches in diameter and weigh about six to eight pounds; the skin is smooth and when ripe is creamy yellow in color; flesh light emerald green, fine grained and of very sweet, sugary flavor. Rind thin but very firm and the fruits stand shipping remarkably well. Price, 7 cts. pkt.; 12 cts. oz.; 40 cts.  $\frac{1}{4}$  lb.

### NETTED GEM

The best early melon known. Shipped to every market of note, in great quantities, every year. Medium size, but of excellent flavor. Price, 5 cts. pkt.; 10 cts. oz.; 35 cts.  $\frac{1}{4}$  lb.

### EARLY NUTMEG

#### Unsurpassed in Luscious Flavor

This is an extra early melon of great productiveness. Particularly adapted for home garden and market. Fruit of medium size, slightly ribbed, globular. Skin dark green, becoming yellow when over-ripe, and neatly covered with broad, shallow netting, flesh thick, sweet and light green color. Price, 5 cts. pkt.; 15 cts. oz.; 40 cts.  $\frac{1}{4}$  lb.

### BANANA

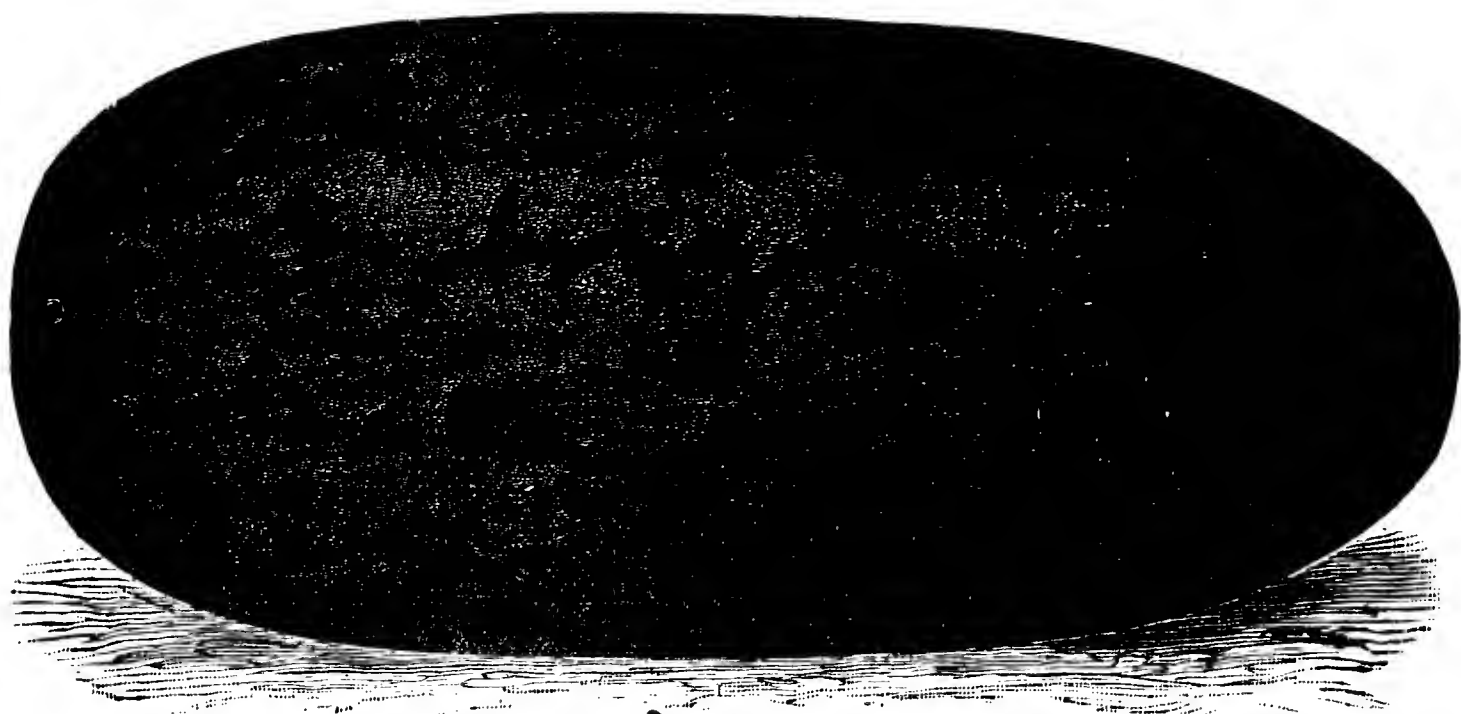
A long salmon fleshed variety of good flavor, growing about fifteen inches long. Price, 7 cts. pkt.; 12 cts. oz.; 40 cts.  $\frac{1}{4}$  lb.

### WATERMELONS

#### GYPSEY OR RATTLESNAKE

One of the largest varieties and stands shipment long distances. Fruit cylindrical, square at the ends, smooth, distinctly striped and mottled light and dark green. Flesh bright scarlet and very sweet. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.

**Prices Subject to Market Fluctuations**



Monte Cristo

### KLECKLEY SWEETS OR MONTE CRISTO

Unsurpassed for home use or near markets. Vine vigorous and productive; fruit of medium to large size, oblong, tapering slightly toward the stem end, dark green, often showing fine russeting. Flesh very bright, rich red, exceedingly sweet. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.

### TOM WATSON

A large, long melon similar in shape, color and splendid quality to Monte Cristo, but averaging larger in size and with a tougher rind, making it especially adapted for shipping. The vines are vigorous and productive. The flesh is rich red, sweet and tender. Undoubtedly the best shipping melon. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.

### HALBERT HONEY

A variety somewhat similar to Kleckley's Sweet but of much darker color. The vines are very prolific and usually bear four or five very uniform melons. Quality the highest. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.

### KOLB'S GEM

Vines of medium size, but remarkably vigorous and healthy. Leaves of medium size, deeply cut with a peculiar frilled edge. Fruit of the largest size, round or slightly oval, marked with irregular mottled stripes of dark and light green. Outer rind or shell exceedingly hard and firm, making it a good sort for shipping long distances. Flesh bright red, solid, a little coarse, but sweet and tender. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.

### COLE'S EARLY

Very hardy, a sure cropper and extremely delicate in texture of flesh, which is of dark red color; rind is thin and extremely brittle, hence not desirable for shipping purposes, but possessing all the other most desirable features. We highly recommend it for home use. Medium size, nearly round; rind green striped with lighter shades. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.

### SWEET HEART

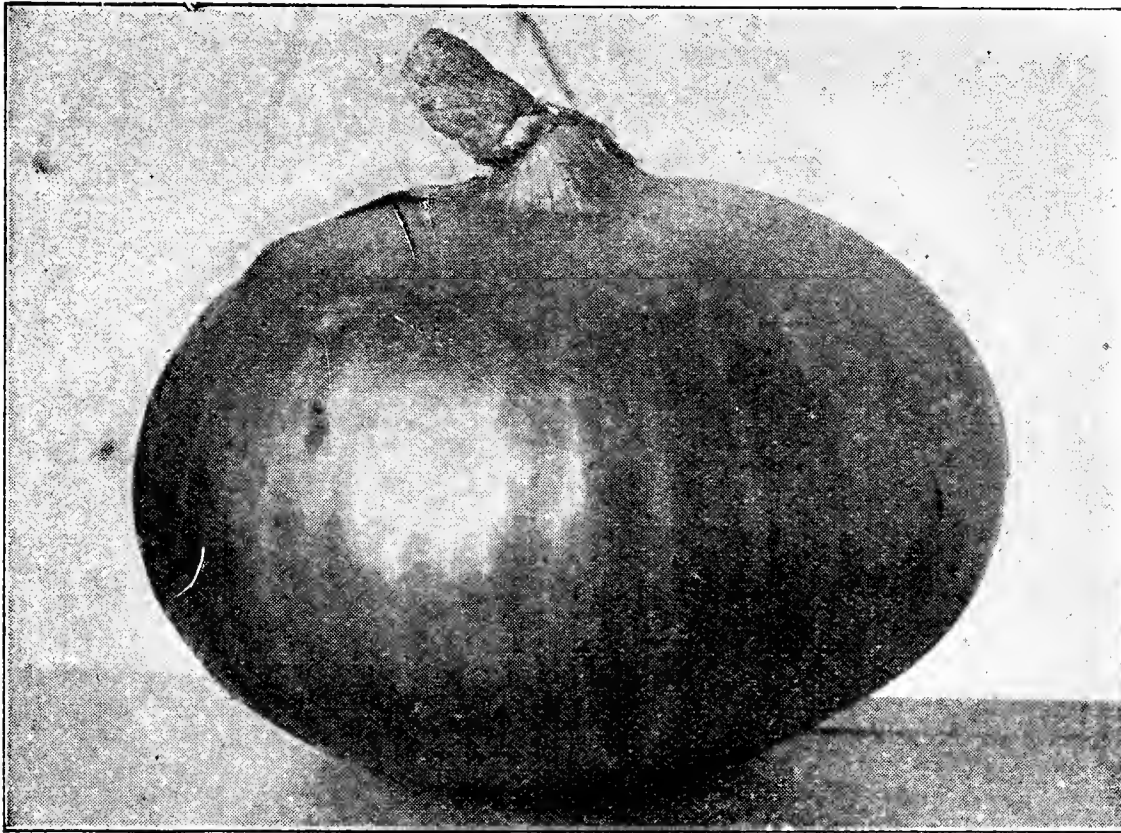
This new melon is early, large handsome, heavy and productive. The shape is oval and the color mottled light to very light green. Flesh bright red, solid, but tender and very sweet. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.

## HUMBOLDT, ILLINOIS

### IRISH GREY

The size is uniform and large. Color of rind yellowish gray. Ripens earlier than Watson and will keep in good condition for a long time after picking. Very prolific and a good shipper. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.

### CHOICE ONION SEED



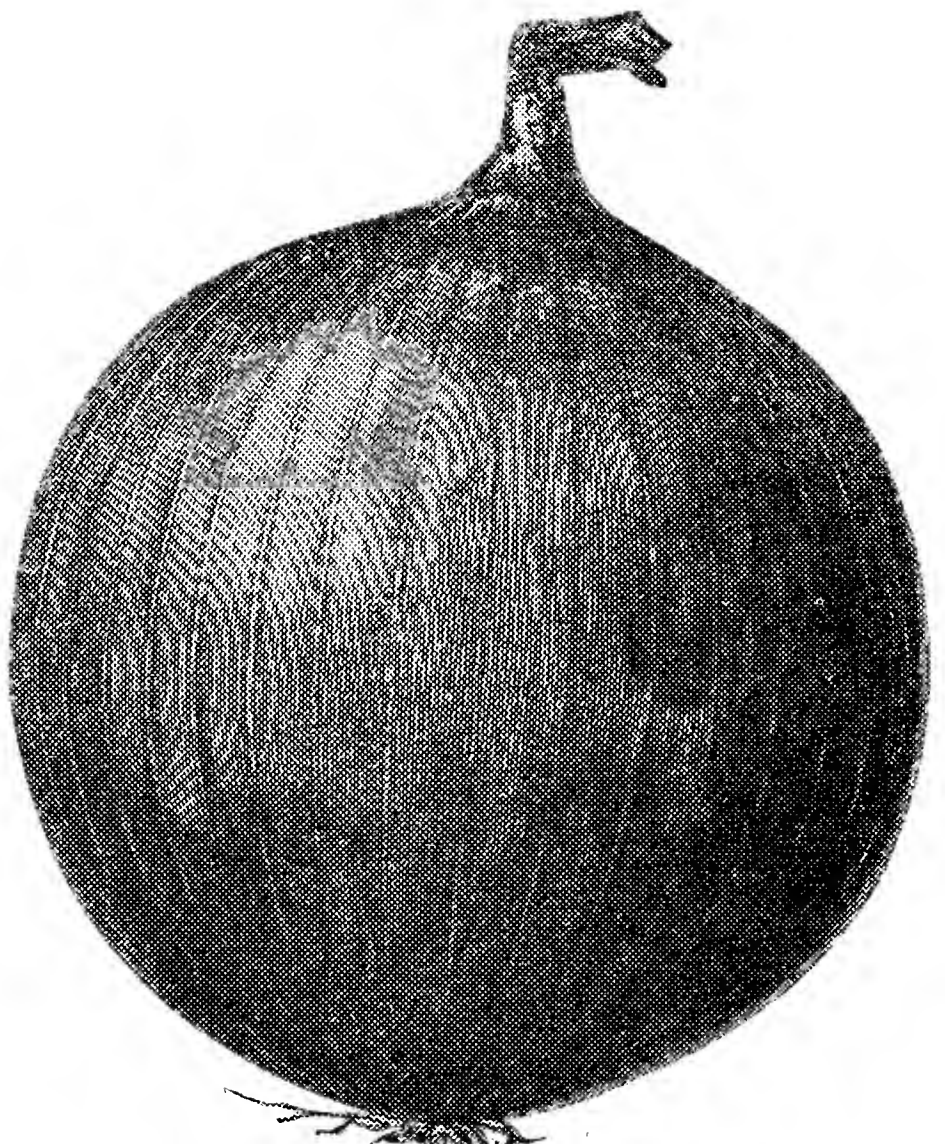
Red Weathersfield

### LARGE RED WETHERSFIELD

This is a standard variety and a favorite onion in the east, where immense crops are grown for shipment. Bulb large somewhat flattened, oval shaped; skin deep purple red; flesh white; moderately fine grained and rather strong flavored; very productive; the best keeper and one of the most popular for general use. Price, 5 cts. pkt.; 15 cts. oz.; 50 cts.  $\frac{1}{4}$  lb.

### PHILADELPHIA SILVERSKIN ONION

Flavor mild and pleasant; skin silver white of handsome appearance, highly esteemed for pickling when young, also for market in early winter. It will please you immensely for any purpose. Price, 8 cts. pkt.; 18 cts. oz.; 60 cts.  $\frac{1}{4}$  lb.



Red Globe

### **SOUTHPORT WHITE GLOBE**

This grows to a very large size and is a perfectly globe shaped onion. Color is clear pure white. Price, 8 cts. pkt.; 18 cts. oz.; 60 cts.  $\frac{1}{4}$  lb.

### **LEONARD'S RED GLOBE**

The deep dark red color of our Red Globe is one of its superior points, while in shape and size it is a counterpart of our Popular Yellow Globe.

In the Michigan, Indiana and Ohio onion sections as well as in Illinois and Iowa, this strain of Red Globe produces the prize-winning red onions.

Where competition is keen it will pay large returns for the additional cost of the seed. Price, 8 cts. pkt.; 18 cts. oz.; 60 cts. lb.

### **YELLOW GLOBE DANVERS**

This fine onion is of large size. An early and abundant cropper. Bulbs very thick, flat or slightly convex bottoms, full oval top with small neck and rich brownish yellow skin. Price, 8 cts. pkt.; 18 cts. oz.; 60 cts.  $\frac{1}{4}$  lb.

### **PRIZETAKER**

Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm; very fine grained, and of mild, delicate flavor. The outside skin is rich yellow, while the flesh is white. To get the best results from this onion the seed is sown in beds and transplanted. It will, however, make a good crop if sown in the ordinary way. Price, 8 cts. pkt.; 18 cts. oz.; 60 cts.  $\frac{1}{4}$  lb.

### **PARSNIPS**

#### **IMPROVED GUERNSEY**

A half-long variety of good quality, the roots are white, very tender, with a smooth clean skin. Price, 5 cts. pkt.

#### **HOLLOW CROWN**

Roots long, white, smooth, tender, sugary and of most excellent flavor. Very hardy, and will keep through winter without protection. Price, 5 cts. pkt.

### **MANGO AND HOT PEPPERS**

#### **SWEET MOUNTAIN**

Plants very vigorous and productive, growing upright, with moderately large leaves. Fruit very large, long, often eight inches or more in length, by two in diameter. Price, 8 cts. pkt.

#### **LONG RED CAYENNE**

##### **(The Red Hot Pepper)**

A long, slim-pointed pod, and when ripe of a bright red color. Strong and pungent. Price, 5 cts. pkt.

#### **RUBY KING**

An improved American sort, reaching the largest size, yet retaining the symmetrical shape of the smaller sorts. Price, 5 cts. pkt.

#### **CHINESE GIANT PEPPER**

Without doubt one of the very best and largest Mango Peppers ever introduced. Its mammoth size, splendid shape, beautiful rich, glossy-red flesh and mild flavor, all lead us to speak of it in words of commendation. Price, 5 cts. pkt.



**Ruby King**



**RED CHILI**

Used in the manufacture of pepper sauce. Price, 5 cts. pkt.

**PIMENTO**

A very thick-fleshed, smooth, mild, crimson variety, much used for salads. Price, 5 cts. pkt.

**LARGE BELL OR BULL NOSE**

A very large sort of inverted bell shape, suitable for filling or for a mixed pickle. Flesh thick, hard and less pungent than most other sorts. Price, 5 cts. pkt.

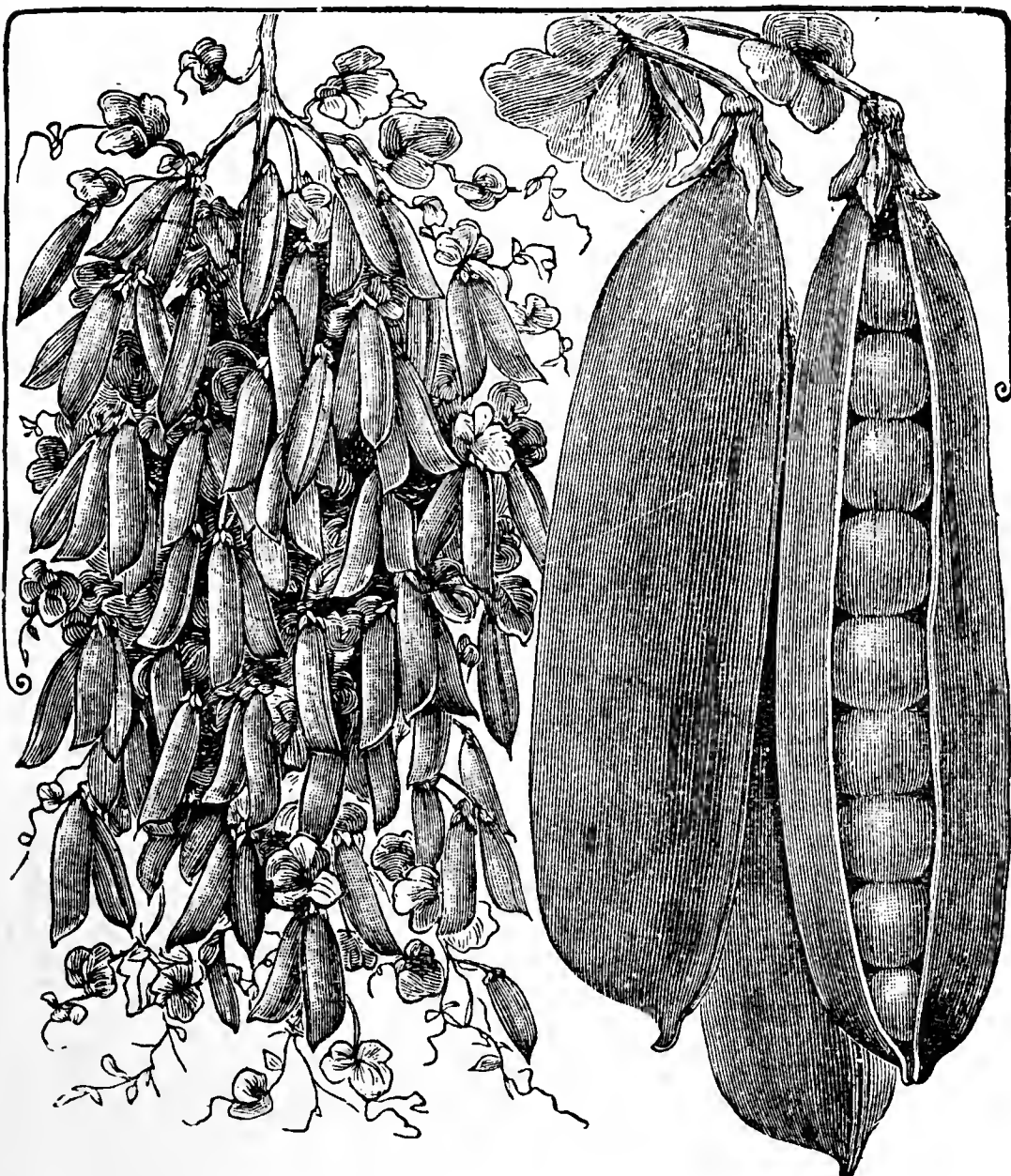
**GOLDEN QUEEN**

Very large fruits; rich golden yellow; early. Price, 5 cts. pkt.

**PEAS—Wrinkled Seed**

**TELEPHONE**

Vines and leaves large and coarse. Foliage light green in color. Height, 40 to 50 inches, pods  $4\frac{1}{2}$  inches long, broad pointed, medium green in color. Fit to pick 62 to 65 days from planting. Seed large green, wrinkled. Price, 7 cts. pkt.; 18 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.



**NOTT'S EXCELSIOR**

Resembling Gems in habit, but more dwarf and uniform in growth, height 12 to 17 inches, with rather light foliage. Pods are light in color, round, about  $2\frac{1}{2}$  inches long, blunt at the ends. Fit for picking 56 days from planting: Seed green wrinkled, medium in size and square at the ends. Price, 7 cts. pkt.; 18 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.

**AMERICAN WONDER**

Vigorous, productive vines, with a luxuriant foilage, and producing the leaves on one side of the stalk, and growing from 9 to 12 inches high. On account of its dwarf habit of growth, it is very desirable for private garden use.

Pods are light colored, straight, round, about  $2\frac{1}{2}$  inches long and blunt at the end. Fit for picking 55 days from planting. Seed is wrinkled, green, medium in size and square at the ends. Price, 7 cts. pkt.; 18 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.

**EVERBEARING**

Vigorous and branching in habit of growth. Height, 2½ to 3 feet. Pods, 2¾ to 3 inches long. Broad, light colored and blunt. Fit to pick 70 days from planting. Seed, green, wrinkled. Large in size. Price, 7 cts. pkt.; 18 cts. ½ lb.; 30 cts. lb.



**GRADUS**

A large, wrinkled, early Pea, with a pod nearly as large as Telephone, filled with large peas, tender and of good quality and flavor. Very quick to germinate and mature with the early sorts. This pea will not stand adverse conditions, however, as well as some of the other sorts, and seed must be planted after all danger of early frost has passed. Height of vine, 26 to 30 inches, with large, luxuriant foliage, pale green in color. Pods dark green, 4 to 4½ inches in length, and pointed; fit for table use 52 days from planting. Seed large, cream colored and wrinkled. Price, 7 cts. pkt.; 18 cts. ½ lb.; 30 cts. lb.

**McLEAN'S LITTLE GEM**

Strong and vigorous in growth, producing vines from eighteen to twenty-four inches in height, dark foliage, bearing pods singly on both sides of the stalk beginning near the ground. Pods are almost straight, two and a half to two and three-quarters inches long, light in color and blunt at the ends. Ready to pick fifty-nine to sixty-one days from planting. Seed is green, wrinkled, and medium in size. Price, 7 cts. pkt.; 15 cts. ½ lb.; 25 cts. lb.

**LITTLE MARVEL**

An extra fine dwarf sweet pea. Pods somewhat larger than Nott's Excelsior and same season. A fine variety for either private or market garden. Height fourteen inches. Foliage and pods very dark green; pods three inches long, nearly round and square ended, containing seven very dark green peas of high quality; very productive. Price, 7 cts. pkt.; 18 cts. ½ lb.; 30 cts. lb.

**PEAS—Smooth Seed**

**ALASKA**

Well known and extensively used, especially by canners. Very early and when carefully grown, uniform in ripening. Vine is strong and vigorous, two to two and one-half feet high, of a peculiar light green color; pods two and one-fourth to two and three-fourths inches long, straight and blunt at the end, and light in color. Is ready for picking forty-nine to fifty days from planting. Seed round, blue, slightly pitted. Price, 5 cts. pkt.; 15 cts. ½ lb.; 25 cts. lb.

**PETER PAN**

This is a most desirable early pea, tender, unsurpassed in sweetness. It has large pods and is a heavy yielder. Price, 7 cts. pkt.; 18 cts.  $\frac{1}{2}$  lb.; 30 cts. lb.

**CONDON'S MAMMOTH PODDED LITTLE MIDGET**

Its extreme earliness, combined with the large pods, which are always filled with sweet, luscious peas, makes Condon's Little Midgets the universal favorite. Height of vines only 15 inches; pods  $4\frac{1}{2}$  inches long; well filled and quality fully equal, if not surpassing any pea in existence. The pods contain from 7 to 8 large dark green peas, which remain in edible condition a week later than most other varieties. Pkt. 10 cts.;  $\frac{1}{2}$  lb., 20 cts.; lb., 35 cts.

**PUMPKIN  
CONNECTICUT FIELD**

The hardiest of all pumpkins; cultivated mainly for stock-feeding, producing enormous crops. Price, 5 cts. pkt.; 10 cts. oz.; 20 cts.  $\frac{1}{4}$  lb.

**CHEESE, OR KENTUCKY FIELD**

One of the best for table use, and very productive. Shape flat; flesh yellow, thick and tender. Price, 5 cts. pkt.; 10 cts. oz.; 20 cts.  $\frac{1}{4}$  lb.

**SUGAR OR PIE**

A rather small, but handsome variety. Shape, round; skin deep orange colored; flesh fine grained, sweet-flavored; superior for pies. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.

**RADISH  
CRIMSON GIANT TURNIP, FORCING**

A variety extraordinary in that while growing to an unusually large size, it is always tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time, and unlike other forcing varieties, does not become pithy even when twice their size in diameter. Price, 5 cts. pkt.; 10 cts. oz.



Scarlet Turnip

**NEW WHITE VIENNA OR LADY FINGER**

Beautiful in shape and the skin and flesh are pure snow white. Crisp, brittle, and of rapid growth. Price, 5 cts. pkt.; 10 cts. oz.

**EARLY SCARLET TURNIP**

The standard early turnip radish. Excellent color, fine flavored and an excellent table variety. Price, 5 cts. pkt.; 10 cts. oz.

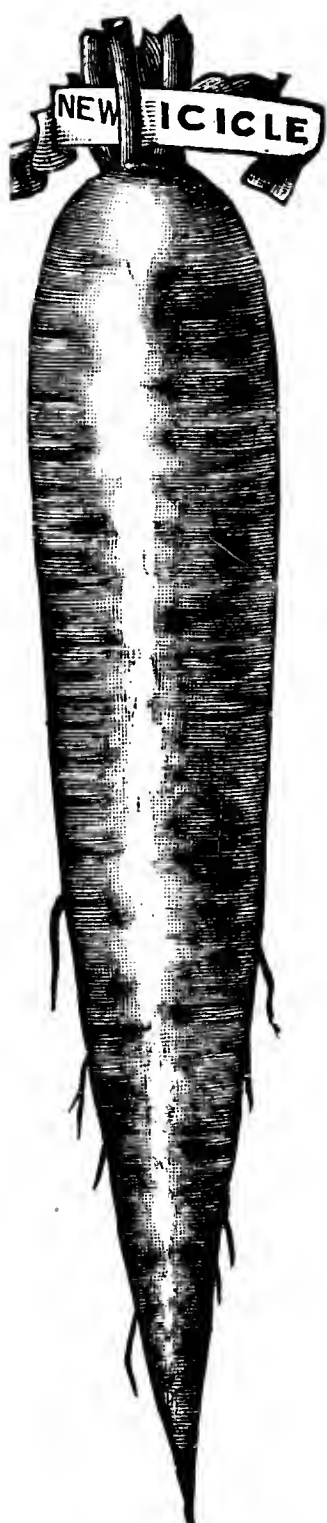
**FRENCH BREAKFAST**

A medium sized radish, olive shaped. small top, of quick growth, very crisp and tender, of a beautiful scarlet color, except near the tip which is pure white. Price, 5 cts. pkt.; 10 cts. oz.

**LONG SCARLET SHORT TOP**

Long, straight, smooth, red radish; it grows tender, crisp and sweet. Price, 5 cts. pkt.; 15 cts. oz.

**Prices Subject to Market Fluctuations**



Icicle

### HALF LONG DEEP SCARLET

A variety half the length of Long Scarlet and of same form. Price, 5 cts. pkt.; 10 cts. oz.

### WHITE STRASBURG

This grows to the largest size and is usable when quite small, thus covering a long season. Four to five inches long and about two inches thick. Very white, crisp and tender. Price, 5 cts. pkt.; 10 cts. oz.

### SCARLET TURNIP WHITE TIPPED

One of the handsomest of the turnip radishes and a great favorite in many large markets for early planting outdoors. It is but little later than the White Tipped Forcing, and will give entire satisfaction where extreme earliness is not the primary object. Roots slightly flattened on the underside, color very deep scarlet with a white tip; flesh white and of the best quality. Price, 5 cts. pkt.; 10 cts. oz.

### ICICLE

Entirely distinct, long, slender, pure white. Earliest and finest long white, with less foliage, rendering it most desirable for forcing. Price, 5 cts. pkt.; 10 cts. oz.

### RADISH—WINTER VARIETIES

The Winter Radish is sown at late turnip planting time and used in the autumn or stored for winter like the turnip.

### ROUND BLACK SPANISH

Roots round, sometimes top-shaped, three or four inches in diameter; skin black, flesh white, very compact and highly flavored. An excellent sort for winter, as the roots keep a long time. Price, 5 cts. pkt.; 10 cts. oz.

### LONG BLACK SPANISH

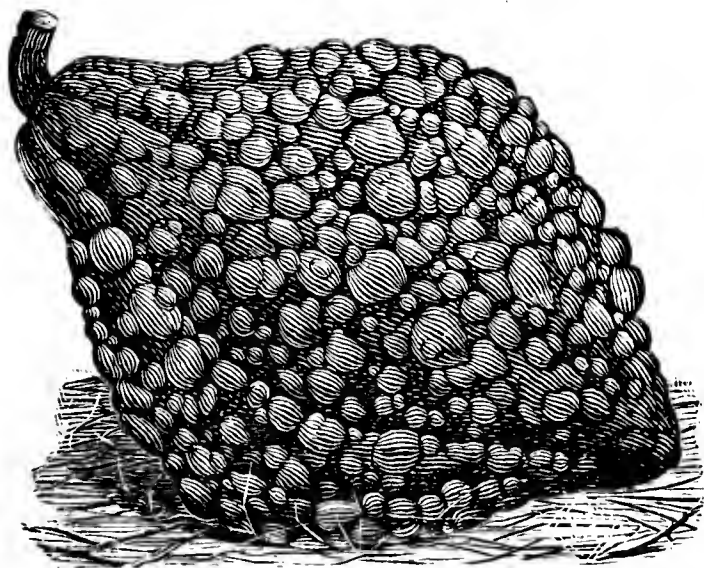
One of the latest as well as hardiest of the radishes; an excellent sort for winter use. Price, 5 cts. pkt.; 10 cts. oz.

### ROSE OR SCARLET CHINA

Roots cylindrical, or largest at the bottom, tapering abruptly to a small top. Skin very smooth and of a bright rose color; flesh firm, crisp, tender and quite pungent. Price, 5 cts. pkt.; 10 cts. oz.

**Prices Subject to Market Fluctuations**





## SQUASH

### LEONARD'S GIANT CROOK-NECK

This strain is a great improvement on the old variety of Crook-Neck. It is larger and better in every way. Price, 5 cts. pkt.; 15 cts. oz.

### YELLOW BUSH

Standard early summer variety, nice to use in its green state and valuable for making pies when it has attained full size. Price, 5 cts. pkt.; 15 cts. oz.

### BLUE HUBBARD OR MARBLEHEAD

Without question this is one of the best fall and winter varieties. Flesh bright, creamy yellow, fine grained, very dry, sweet and delightfully flavored, and a good keeper. Price, 5 cts. pkt.; 15 cts. oz.

### ACRON, DES MOINES OR TABLE QUEEN

A trailing variety, producing acron shaped fruit with a thin, distinctly ribbed, dark green shell; 6 inches long by 4½ inches in diameter. Flesh light yellow and bakes well; quite early. Pkt. 10 cts.; oz. 15 cts.

## SUNFLOWER

SUNFLOWERS ARE WITHOUT DOUBT THE MOST PROFITABLE SEED THAT CAN BE RAISED FOR POULTRY.

### MAMMOTH RUSSIAN

It is grown for its seeds, which are valuable food for stock, particularly poultry; also for parrots. It is considered the best egg producing food known. Poultry eat it greedily, fatten on it, obtain a bright lustrous plumage, and strong, healthy condition, that illustrates the benefits from its use. It can be raised as cheaply as corn, yields well. Single heads measure twelve to twenty-two inches across and contain an immense quantity of seed. Can be sown any time to the middle of July. Price, 10 cts. pkt.; 25 cts. lb.

## TOMATOES

### GREATER BALTIMORE—LEONARD'S STRAIN—WILT RESISTANT

One of the best second early and main crop varieties. It is a red tomato, vigorous and very productive. Preferred by many canners on account of its heavy yield. Price, 5 cts. pkt.; 35 cts. oz.

### BEEFSTAKE TOMATOES

Something new in the line of tomatoes. Nothing in the way of a tomato creation has achieved, in so short a time, the tremendously excellent reputation that has come to the Beefstake Tomato. Matures early, hardy grower, handsome color; the best keeper, and large size. Price, 10 cts. pkt.; 35 cts. oz.

### MARGLOBE NAIL RUST RESISTANT TOMATO

A wonderful new variety which is resistant to nailhead rust. Ripens 10 to 12 days later than Earliana; large, perfect globe-shaped fruits of a beautiful scarlet color. Its spreading habit of growth enables it to bear in abundance. Price, 5 cts. pkt.; 20 cts. oz.

### SPARK'S EARLIANA

This is an excellent large fruited tomato and especially valuable because of its earliness. It is a desirable variety for the market gardener or the home garden.

The fruits are a bright deep scarlet nearly round and exceptionally smooth for a variety that is so early. Price, 5 cts. pkt.; 20 cts. oz.

### NEW STONE

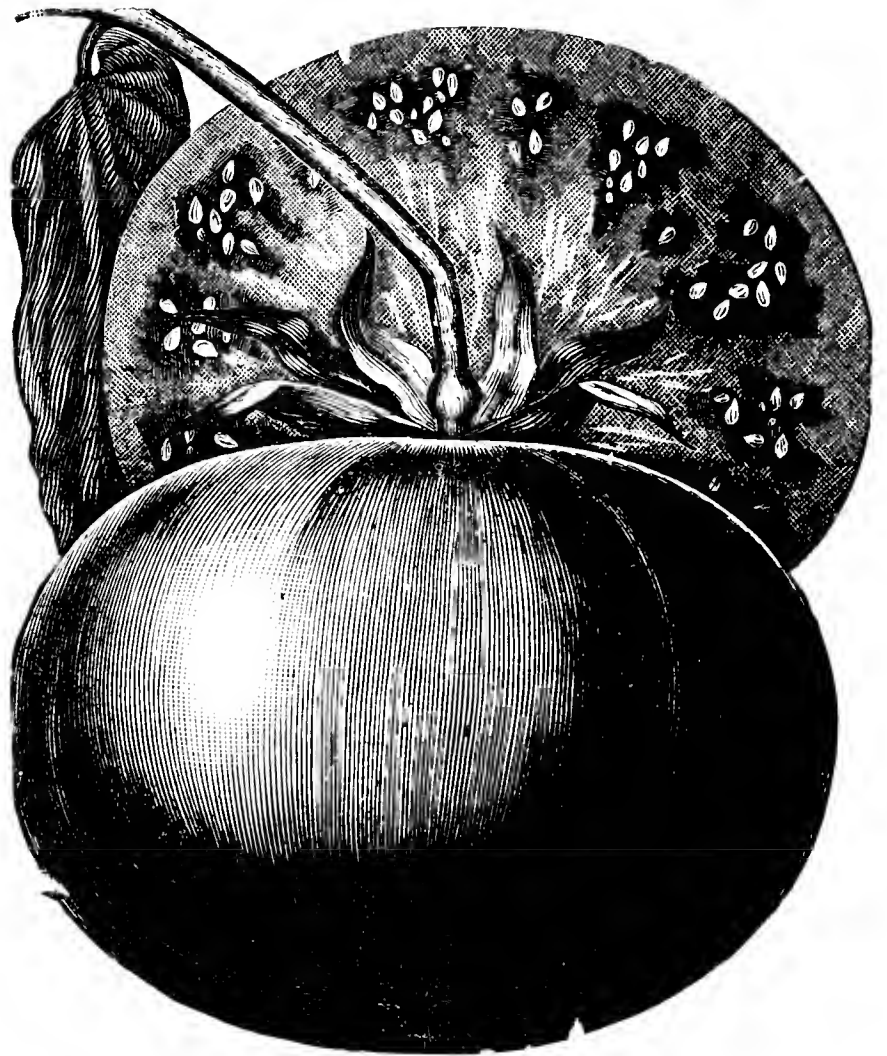
A fine new variety, bright red, very solid and smooth. A splendid main crop variety. Price, 5 cts. pkt.; 20 cts. oz.

### BONNY BEST.

Vines strong and vigorous, fruit deep scarlet, ripening to stem. Flesh firm. A productive and very desirable early and main crop variety. Price, 5 cts. pkt.; 20 cts. oz.

### ACME

One of the best standard sorts. Of a fine crimson purplish color. Shape is smooth, size large and uniform. For the market or home garden no sort is better. Price, 5 cts. pkt.; 20 cts. oz.



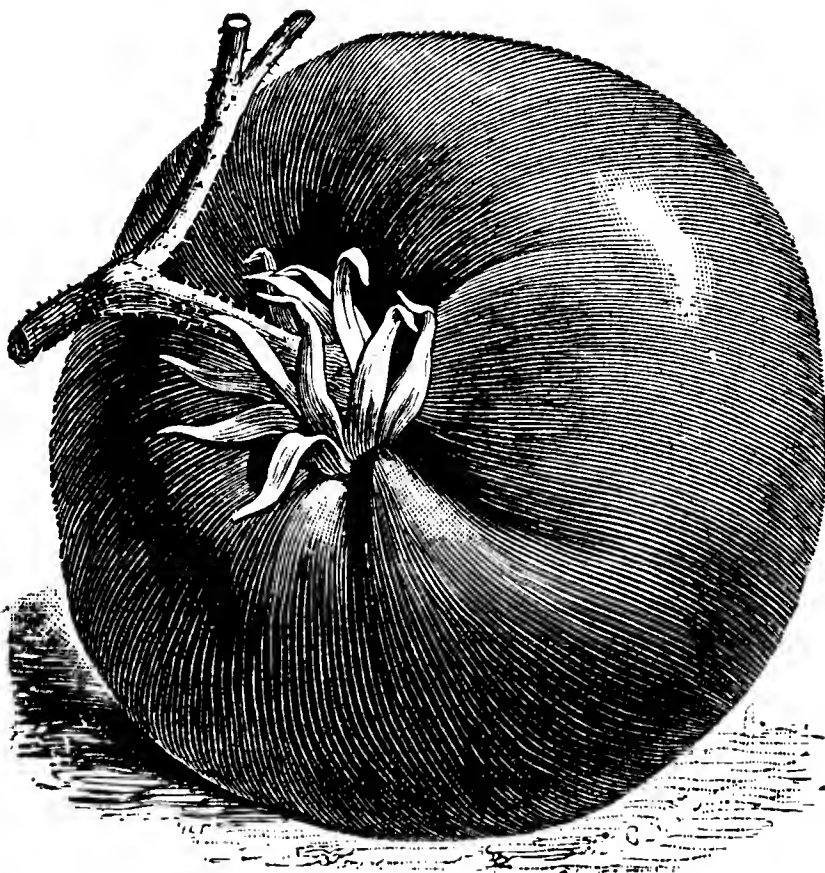
New Stone

### YELLOW PEAR

Pear shaped; yellow. Pkt. 5 cts.; oz. 20 cts.

### HENDERSON'S PONDEROSA

The Ponderosa when conditions are favorable, grows to an immense size and makes the heaviest fruit of any in the list. Their flesh is solid; almost without seeds and of fine, sweet flavor. The vines are healthy and vigorous. None better. Price, 5 cts. pkt.; 35 cts. oz.



Henderson's Ponderosa

**Prices Subject to Market Fluctuations**

## TURNIPS

### PURPLE TOP WHITE GLOBE

A globular variety, very even in shape and of beautiful appearance. The flesh is white, of excellent quality and desirable for table or stock. The variety is a good keeper and a fine market sort. Price, 5 cts. pkt.; 10 cts. oz.

### EARLY SNOWBALL OR SIX WEEKS

This excellent variety of turnip is very tender and sweet; matures in six weeks. A perfectly globe shaped, white-skinned turnip. We recommend it to market gardeners because its earliness and fine appearance make it a very profitable variety of turnip. Price, 5 cts. pkt.; 10 cts. oz.

### PURPLE TOP STRAP LEAF

The demand for this popular variety is always heavy. It is one of the best turnips on the market for both table and stock feeding. Has a bright purple top, white underneath. Leaves are short, narrow and erect. Flesh white, fine grained and of mild, pleasant flavor. Matures in eight or nine weeks. Price, 5 cts. pkt.; 10 cts. oz.

## POTATOES

### RED RIVER SIX WEEKS OR TRIUMPHS

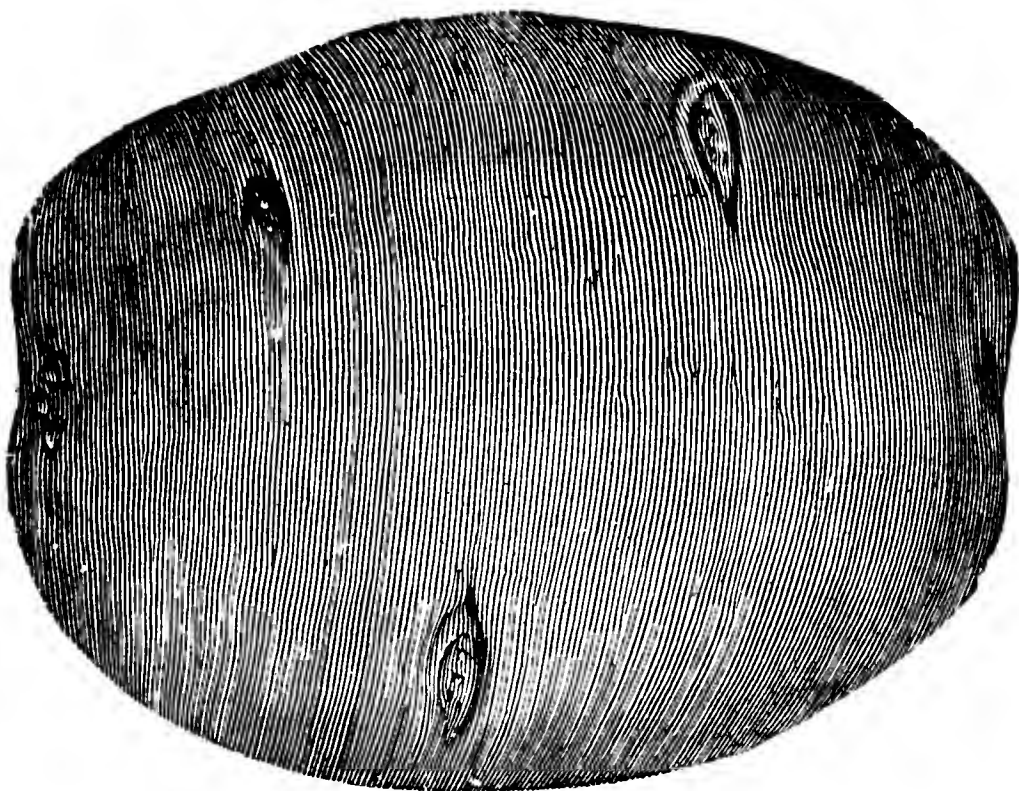
We prefer to say that this is an extra early potato, a little earlier than the Early Ohio. It has become immensely popular, and is much sought after, especially by farmers so that they may have early eating potatoes at a time when they are usually high to buy. This potato grows very rapidly and yields well. Prices on application.

### EARLY OHIO

Early Ohio is without doubt the most popular early potato in the country. Everyone knows what it is and knows that it can be relied upon for an early market variety in almost every locality. Prices on application.

### RED RIVER IRISH COBBLER

An excellent, extra early variety, maturing good sized tubers seven weeks from the time of planting. It has also the remarkable characteristics of producing very few, if any, small potatoes, all the tubers being of marketable size. The vines are short, of upright growth, so that the hills may be only a short distance apart. Skin is clean and smooth, flesh is pure white and of excellent quality, always cooking dry and mealy. Prices on application.





**SWEET PEAS**

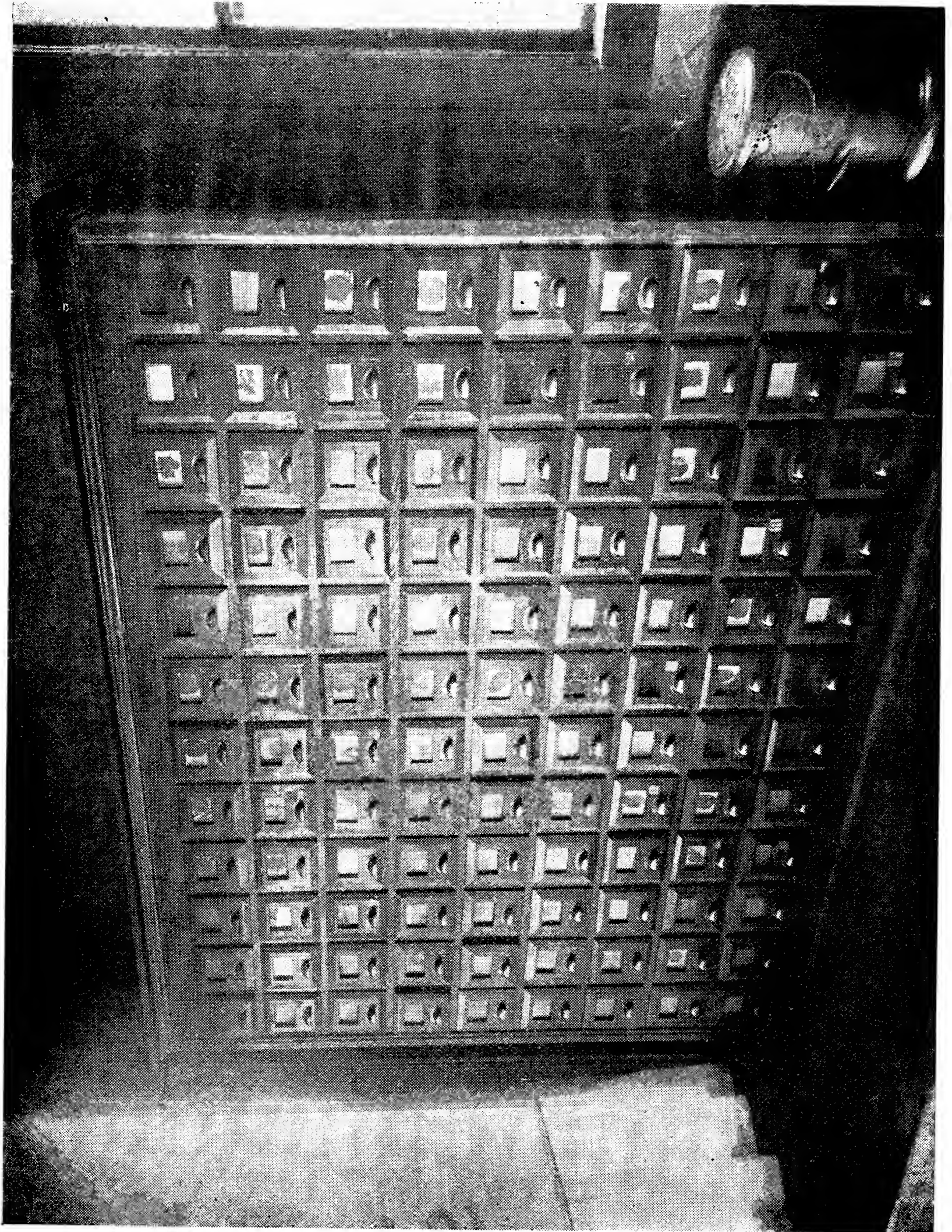
Leonard's Fancy Mixed. Price 10 cts. oz.

Spencer's Mixed. Price, 10 cts. oz.

**NASTURTIUMS**

Dwarf Mixed. Price, 10 cts. oz.

Tall Mixed. Price, 10 cts. oz.



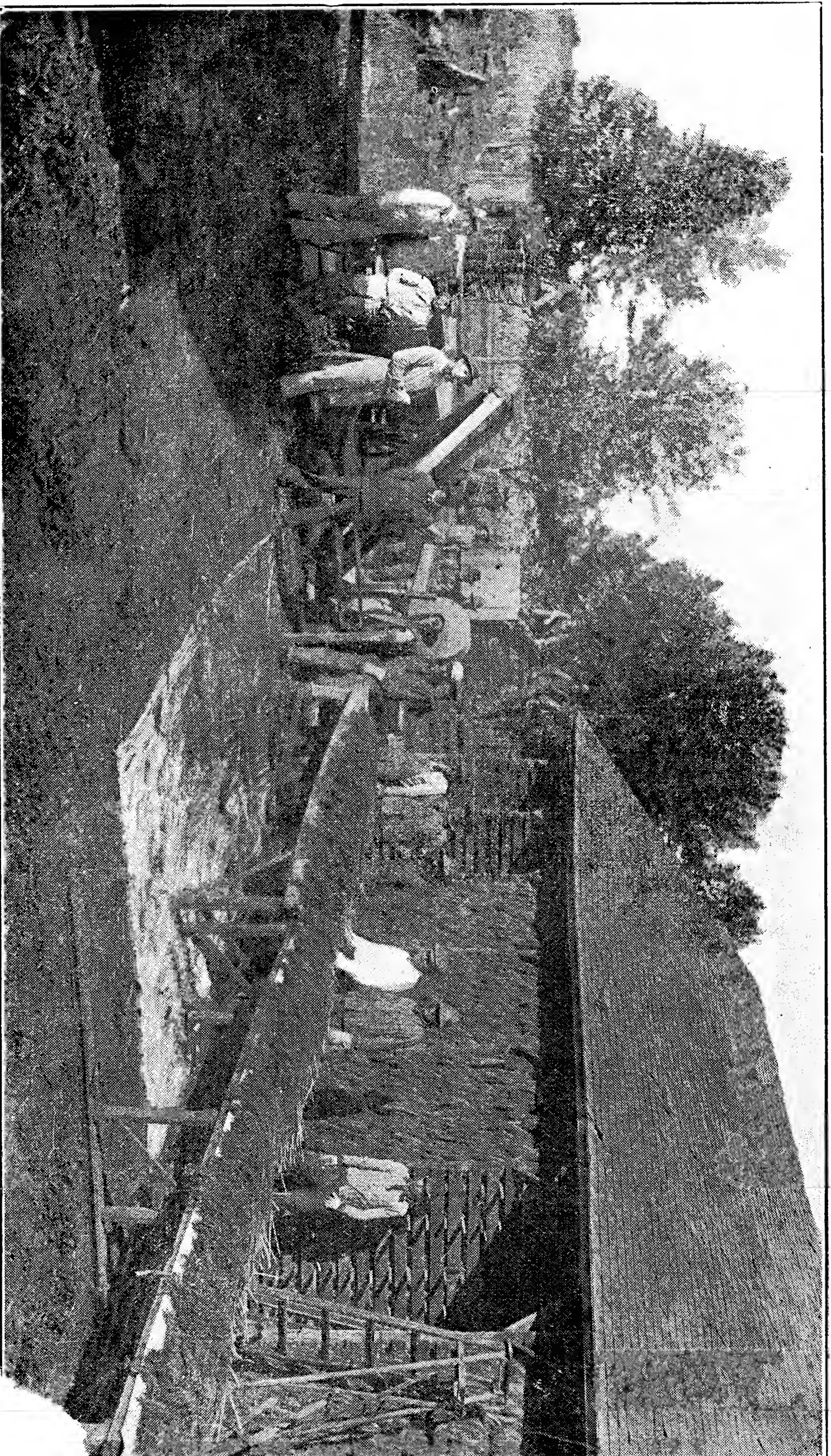
VIEW OF INTERIOR OF GARDEN SEED DEPARTMENT





LOADING SEED IN THE CAR READY FOR SHIPMENT





THRESHING AND BALING OF BROOM CORN SEED CROP ON COLES COUNTY SEED FARM